

From rsellers@misha.net Sun Jun 30 23:50:37 1996
Received: from misha.net (delta.wwwa.com [204.120.206.5]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id XAA01970 for <aprssig@tapr.org>; Sun, 30 Jun 1996
23:50:35 -0500 (CDT)
Received: from rsellers by misha.net (SMI-8.6/SMI-SVR4)
id XAA09404; Sun, 30 Jun 1996 23:50:22 -0500
Date: Sun, 30 Jun 1996 23:50:22 -0500
Message-Id: <199607010450.XAA09404@misha.net>
X-Sender: rsellers@misha.net (Unverified)
X-Mailer: Windows Eudora Version 1.4.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: rsellers@misha.net (Roger Sellers)
Subject: Re: [APRSSIG:2559] Re: Garmin 45

>Roger Sellers wrote:
>> >Paul Sadowski wrote:
>> >> Just to let everyone know... this weekend on, Garmin GPS 45's for sale
>> >> for \$240 at boat US... \$230 if you are a member and got the flyer in
>> >> Al
>> >> AH6LS
>> >
>> >Magellan is a better deal since it INCLUDES bracket and cable which is
>> >almost \$50 extra with Garman 45. Same store.
>> >Bud (WB4LTF)
>> >
>> For those un-initiated ones that have never heard of this store or dont
>> have one locally, How about an address and/or phone number to go with this.
>>
>> There are 30 stores nation wide. Depends which one you are near.
>
>Bud. WB4LTF
Ok, so my message was about as vague... lets try Chicago area or if not
close.. an 800 or any number will do.

Roger Sellers
Amateur Radio: KB9LBU
E-Mail Home: rsellers@misha.net
E-Mail Work: rsellers@snds.com

From ke4eer@worldnet.att.net Mon Jul 01 04:53:18 1996
Received: from mailhost.worldnet.att.net (mailhost.worldnet.att.net
[204.127.129.3]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id EAA15804 for
<aprssig@tapr.org>; Mon, 1 Jul 1996 04:53:16 -0500 (CDT)
Received: by mailhost.worldnet.att.net (SMI-8.6/SMI-SVR4)
id JAA29235; Mon, 1 Jul 1996 09:52:45 GMT
Received: from 13.middleton-57.va.dial-access.att.net(207.116.6.13)
by mailhost.worldnet.att.net with SMTP
id A29181; Mon Jul 1 09:52:17 1996
Message-ID: <31D7BBEC.6380@worldnet.att.net>
Date: Mon, 01 Jul 1996 04:52:12 -0700
From: William Nolle <ke4eer@worldnet.att.net>

X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: STS-78
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Well first pass was voice, better luck for APRS next pass. This pass was much better (Stronger signal) then any of the other once.

--

Bill WA8INZ Former (KE4EER)
ke4eer@worldnet.att.net
ke4eer@amsat.org

From sadowski@cris.com Mon Jul 01 05:20:14 1996
Received: from franklin.cris.com (franklin.cris.com [199.3.12.31]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id FAA16612 for <aprssig@tapr.org>; Mon, 1 Jul 1996 05:20:12 -0500 (CDT)
Received: from darius.cris.com (darius [199.3.12.32])
by franklin.cris.com (8.7.5/(96/06/11 2.45))
id GAA29021; Mon, 1 Jul 1996 06:20:10 -0400 (EDT)
[1-800-745-2747 The Concentric Network]
Errors-To: sadowski@cris.com
Received: from LOCALNAME (cnc019043.concentric.net [206.173.35.43])
by darius.cris.com (8.7.3)
id GAA01614; Mon, 1 Jul 1996 06:20:08 -0400 (EDT)
Date: Mon, 1 Jul 1996 06:20:08 -0400 (EDT)
Message-Id: <2.2.16.19960701062343.0eaf901c@pop3.cris.com>
X-Sender: sadowski@pop3.cris.com
X-Mailer: Windows Eudora Pro Version 2.2 (16)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: Paul Sadowski <sadowski@cris.com>
Subject: Re: [APRSSIG:2591] Re: Garmin 45

FYI Folks

1 800 555 1212 is 800 (and 888) directory information. In other words if you call that number and give the operator the name of the company (and if they have multiple locations - a location or area of the country), the operator can give you ANY 800 or 888 toll free number.

BTW, I goofed in the original posting and said "this weekend on" for some reason this laptop has a goofy keyboard mouse interaction... it should have read "this weekend on 28-29 June" sorry... sale over - but I'm sure that price will be seen again...

I too have owned both a Garmin and Magellan... got rid of the Magellan..

ALOHA
AH6LS

At 12:03 AM 7/1/96 -0500, you wrote:

>>Roger Sellers wrote:

>>> >Paul Sadowski wrote:

>>> >> Just to let everyone know... this weekend on, Garmin GPS 45's for sale

>>> >> for \$240 at boat US... \$230 if you are a member and got the flyer in

>>> >> A1

>>> >> AH6LS

>>> >

>>> >Magellan is a better deal since it INCLUDES bracket and cable which is

>>> >almost \$50 extra with Garman 45. Same store.

>>> >Bud (WB4LTF)

>>> >

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>>> have one locally, How about an address and/or phone number to go with this.

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>>Bud. WB4LTF

> Ok, so my message was about as vague... lets try Chicago area or if not

>close.. an 800 or any number will do.

>

>Roger Sellers

>Amateur Radio: KB9LBU

>E-Mail Home: rsellers@misha.net

>E-Mail Work: rsellers@snds.com

>

>

>

From rick_o@jericho.com Mon Jul 01 05:22:57 1996

Received: from jericho.com (jericho.com [204.68.191.254]) by tapr.org

(8.7.5/8.7.3/1.9) with SMTP id FAA16651 for <aprssig@tapr.org>; Mon, 1 Jul 1996
05:22:53 -0500 (CDT)

X-ROUTED: Mon, 1 Jul 1996 06:22:26 -0500

Received: from rick_o [204.68.191.100] by jericho.com with smtp
id BFDGBMGD ; Sun, 30 Jun 1996 21:54:28 -0500

Message-ID: <31D7D99E.47A3@jericho.com>

Date: Mon, 01 Jul 1996 09:58:54 -0400

From: "Rick O'Hearn" <rick_o@jericho.com>

Organization: KF4CD0

X-Mailer: Mozilla 2.0 (Win95; I)

MIME-Version: 1.0

To: aprssig@tapr.org

CC: rick_o@jericho.com

Subject: Re: [APRSSIG:2579] Re: Repeater locations

References: <tcppop3.33856@jericho.com>

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Hi all again,

I feel bad for bringing up a topic that has the potential to

start a war. But then again I sometimes think anything could start a war here.(I'll try to watch my spelling)

I was looking for a simple non-exact way to plot the location of (voice and DigGi) repeaters to determine my range to them. But thank you all I guess I'll keep lookin'.

Rick_0@jericho.com

>
> Chris T. Thompson wrote:
>
> > For that matter, I don't believe more than 30 of the clubs
> > 200+ members know where it is. And guess what. At least once a year somebody
> > risks life and limb to either break in or vandalize it.
>
> My point is that even though you take great pains to keep its location
> secret, anyone that wants to can find it. Just plunk a DFjr or Roanoke
> unit on the car and drive straight to it. (Or a DDDF or a beam. Even
> body-shielding an HT.)
>
> Making the degrees and minutes publicly available would give a one mile
> ambiguity. Or, using tenths of degrees gives approximately a six mile
> ambiguity. This would be sufficient resolution for mapmaking, but not
> to physically find a repeater.

From rick_o@jericho.com Mon Jul 01 05:43:01 1996
Received: from jericho.com (jericho.com [204.68.191.254]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id FAA17166 for <aprssig@tapr.org>; Mon, 1 Jul 1996
05:42:59 -0500 (CDT)
X-ROUTED: Mon, 1 Jul 1996 06:42:32 -0500
Received: from rick_o [204.68.191.100] by jericho.com with smtp
id BFDLABDL ; Sun, 30 Jun 1996 21:59:02 -0500
Message-ID: <31D7DAAE.16E2@jericho.com>
Date: Mon, 01 Jul 1996 10:03:26 -0400
From: "Rick O'Hearn" <rick_o@jericho.com>
Organization: KF4CD0
X-Mailer: Mozilla 2.0 (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
CC: rick_o@jericho.com
Subject: Re: [APRSSIG:2559] Meridian XL
References: <tcppop3.33789@jericho.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi all,

I have my eye on a Meridian XL for \$289.... Wondering if anyone has any opinions about how well it will interface with aprs and if anyone has checked it out as far as how well it tracks.

Thanks all,
rick_o@jericho.com
Rick O'Hearn
KF4CDO
36'46"N76'06"W

aprssig@tapr.org wrote:

>

> Roger Sellers wrote:

> >

> > >Paul Sadowski wrote:

> > >>

> > >> Just to let everyone know... this weekend on, Garmin GPS 45's for sale

> > >> for \$240 at boat US... \$230 if you are a member and got the flyer in

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> > >> AH6LS

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> > >Magellan is a better deal since it INCLUDES bracket and cable which is

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> > >Bud (WB4LTF)

> > >

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> >

> > Roger Sellers

> > Amateur Radio: KB9LBU

> > E-Mail Home: rsellers@misha.net

> > E-Mail Work: rsellers@snds.com There are 30 stores nation wide. Depends which
one you are near.

>

> Bud. WB4LTF

From n2iph@cyberenet.net Mon Jul 01 05:53:21 1996

Received: from admin.cyberenet.net (admin.cyberenet.net [204.213.252.6]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id FAA17627 for <aprssig@tapr.org>; Mon, 1
Jul 1996 05:53:20 -0500 (CDT)

Received: from ux1.cyberenet.net by admin.cyberenet.net with smtp
(Smail3.1.29.1 #7) id m0uagbR-000CGCC; Mon, 1 Jul 96 06:53 EDT

Received: from n2iph.ppp.cyberenet.net.cyberenet.net by ux1.cyberenet.net with
smtp

(Smail3.1.29.1 #8) id m0uagbQ-00009YC; Mon, 1 Jul 96 06:53 EDT

Message-ID: <31D7AE88.4370@cyberenet.net>

Date: Mon, 01 Jul 1996 06:55:05 -0400

From: Bob Derderian <n2iph@cyberenet.net>

Reply-To: n2iph@cyberenet.net

Organization: I&C

X-Mailer: Mozilla 3.0b4Gold (Win95; I)

MIME-Version: 1.0

To: APRS dicussion group <aprssig@tapr.org>
Subject: STS-78: Real-Time World Map Display
Content-Type: multipart/mixed; boundary="-----AF36BBC14EC"

This is a multi-part message in MIME format.

-----AF36BBC14EC
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

<http://flight.jsc.nasa.gov/realtime/>

-----AF36BBC14EC
Content-Type: text/html; charset=us-ascii
Content-Transfer-Encoding: 7bit

<BASE HREF="http://flight.jsc.nasa.gov/realtime/">

<HTML>

<HEAD>

<TITLE>Real-Time World Map Display</TITLE>

<META HTTP-EQUIV="REFRESH" CONTENT=150>

</HEAD>

<BODY TEXT="#FFFFFF" LINK="#FF0000" VLINK="#0033FF" BGCOLOR="#000044"
LEFTMARGIN="0" TOPMARGIN="0">

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Tracking

</H4>

<H5 align=center>

Shuttle Mission Home |

NASA Public Affairs

</H5>

<CENTER>

<ADDRESS>

Curator: Chris Ruhl</

A>

Responsible NASA Official: Neil Woodbury

Updated: 20 June 1996

</ADDRESS>

</CENTER>

</BASEFONT>

</BODY>

</HTML>

-----AF36BBC14EC--

From JClark9701@gnn.com Mon Jul 01 07:11:05 1996
Received: from mail-e2b-service.gnn.com (mail-e2b-service.gnn.com [204.148.102.170]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id HAA20310 for <aprssig@tapr.org>; Mon, 1 Jul 1996 07:11:02 -0500 (CDT)
Received: from 70-150.client.gnn.com (70-150.client.gnn.com [205.188.70.150]) by mail-e2b-service.gnn.com (8.7.1/8.6.9) with SMTP id IAA27704 for <aprssig@tapr.org>; Mon, 1 Jul 1996 08:10:29 -0400 (EDT)
Message-ID: <31D7DDB9.155D@gnn.com>
Date: Mon, 01 Jul 1996 07:16:25 -0700
From: Jim Clark <JClark9701@gnn.com>
Reply-To: JClark9701@gnn.com
Organization: Bitmap
X-Mailer: Mozilla 3.0b4 (Win16; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:2588] Re: NMEA decode wanted.
References: <Pine.SUN.3.91.960701000308.1447J-100000@arctic>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bob Bruninga wrote:

>

> On Sun, 30 Jun 1996, Charles E. Heisler wrote:

>

> > Can anyone point me towards a PC program that decodes the NMEA

> > sentences and displays them in some order on the screen.

>

> APRSDos REPLY COMMENT: I assume you have used the APRS GPS satelltie

> display under the alt-SETUP-GPS-PLOTS display?

>

> de wb4apr@amsat.org

Bob, post the question in rec.boats or I think the new one is
rec.boats.electronics. A page exists with all the specs. on NMEA but I
don't know where.

Jim N5TJZ S/V Wandering Spirit

From jratchf@bulldog.afsc.k12.ar.us Mon Jul 01 07:23:32 1996
Received: from bulldog.afsc.k12.ar.us (root@[170.211.157.174]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id HAA20790 for <aprssig@tapr.org>; Mon, 1 Jul 1996 07:23:30 -0500 (CDT)
Received: from jratchf.bulldog.afsc.k12.ar.us (slip2.afsc.k12.ar.us [170.211.157.176]) by bulldog.afsc.k12.ar.us (8.6.11/8.6.9) with SMTP id HAA11109 for <aprssig@tapr.org>; Mon, 1 Jul 1996 07:23:26 -0500
Message-Id: <199607011223.HAA11109@bulldog.afsc.k12.ar.us>
From: "J. Scott Ratchford, KC5JGV" <jratchf@bulldog.afsc.k12.ar.us>
To: "aprssig taprorg" <aprssig@tapr.org>
Subject: Aligator
Date: Sun, 30 Jun 1996 23:04:43 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1085

MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

* break * *break * *break* the war "air" around here.

I'm sure the Florida APRS users plotted the ValuJet crash.....
well, did you here the two aligators talking?

What did one Florida aligator said to the other?

"This airline food aint so bad is it?????"

Sorry, about take up the "bandwidth" but it sure beats wars!

--

KC5JGV
Marshall, Arkansas

From dwetzel@slkc.uswest.net Mon Jul 01 07:58:23 1996
Received: from slkc1.slk.uswest.net (slkc1.slk.uswest.net [206.81.128.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id HAA21877 for <aprssig@tapr.org>; Mon, 1 Jul 1996 07:58:19 -0500 (CDT)
Received: from 70571,3005.compuserve.com (dialup22.slk.uswest.net [206.81.128.31]) by slkc1.slk.uswest.net (8.6.12/8.6.12) with SMTP id GAA29650 for <aprssig@tapr.org>; Mon, 1 Jul 1996 06:58:17 -0600
Message-ID: <31D7CB69.844@slkc.uswest.net>
Date: Mon, 01 Jul 1996 06:58:17 -0600
From: Doug Wetzel <dwetzel@slkc.uswest.net>
X-Mailer: Mozilla 2.01 (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: SAREX
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Heard packets on 145.55 this pass (1246Z), but didn't copy any solid enough to get a decode. They exhibited a lot of doppler and matched the predicted orbital times, so I'm assuming that it was STS-78 - this time I tried matching doppler on the up/down (let's see Bob, that's 145.555/144.485 approaching and 145.455/144.495 receding, right?) and thought I might have heard a digi in response, but without the decode I can't be sure.

73
Doug
KC7CO

From sem2r@galen.med.virginia.edu Mon Jul 01 08:00:43 1996
Received: from virginia.edu (mars.itc.Virginia.EDU [128.143.2.9]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id IAA21916 for <aprssig@tapr.org>; Mon, 1 Jul 1996 08:00:41 -0500 (CDT)
Received: from avery.med.virginia.edu by mail.virginia.edu id aa15121;

1 Jul 96 9:00 EDT

Received: from bootp-109-48.bootp.Virginia.EDU (bootp-109-48.bootp.Virginia.EDU [128.143.109.48]) by avery.med.Virginia.EDU (8.7.1/8.6.6) with SMTP id JAA127536; Mon, 1 Jul 1996 09:00:29 -0400
Message-Id: <199607011300.JAA127536@avery.med.Virginia.EDU>
X-Authentication-Warning: avery.med.Virginia.EDU: Host bootp-109-48.bootp.Virginia.EDU [128.143.109.48] didn't use HELO protocol
X-Sender: sem2r@avery.med.virginia.edu
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Mon, 01 Jul 1996 08:58:19 -0400
To: aprssig@tapr.org
From: "Stacey E. Mills, M.D." <sem2r@galen.med.virginia.edu>
Subject: Garmin 20, deaf >> dead
Cc: "Stacey E. Mills" <sem2r@virginia.edu>

Well, after leaving my "deaf" GPS-20 running over the weekend for several hours, I came in to find that the unit had quit all together....no NMEA output of any kind. Voltage in was fine at regulated (5.14 v)....output connections all fine, switching to my GPS-45 with the same software/cabling worked fine, etc ,etc,. The failure was spontaneous with no "help" on my part.

After multiple repeat tries, scrutinizing the board, etc, I can find no abnormalities. I guess it's send back time...such is life.

Stacey E. Mills
E-Mail: sem2r@galen.med.virginia.edu
Office Phone: 804-982-4406
Office Fax: 804-924-8767

From wbliss@coastside.net Mon Jul 01 08:18:52 1996
Received: from poseidon (www.coastside.net [205.162.38.5]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id IAA22832 for <aprssig@tapr.org>; Mon, 1 Jul 1996 08:18:51 -0500 (CDT)
Received: from LOCALNAME (tsvr1-s5.coastside.com [205.162.38.69]) by poseidon (8.6.11/8.6.12) with SMTP id GAA05049 for <aprssig@tapr.org>; Mon, 1 Jul 1996 06:14:39 -0700
Date: Mon, 1 Jul 1996 06:14:39 -0700
Message-Id: <199607011314.GAA05049@poseidon>
X-Sender: wbliss@mail.coastside.net (Unverified)
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: "William B. Bliss/WB6LPG" <wbliss@coastside.net>
Subject: APRS in ECUADOR

ATTN: APRS USERS..

Filed: 011300GMT JUL 96

Have received several packet messages from TED/HC5K, in Ecuador concerning his forthcoming APRS involvement from his QTH. He hasn't mentioned his town. Hi...

He has a PacComm Tiny-2/MK2, GPS and a KAM+ and wants to run a GATEWAY with the Kam and asked for HELP. Gonna run GPS tracking from his car and get his mobile Gated on 30M/10151/LSB. Has been copying 30M and gave me calls of 15 APRS users, mostly from midwest/east and from FL to Canada, so is copying you'all.

Also he is the only SYSOP in Ecuador.

His US packet address: HC5K@N08M.#NE0H.OH.USA.NA
Internet: etjm@az.pro.ec

He lacks good maps of his area, so if anyone can QSO and possibly provide couple good maps for his area/town, wherever that is, would be nice to help him out. Says he has good local paper maps of his area.

Gave him aprssig@tapr.org address and how to join the SIG and hints on setting up KAM to Gate HF traffic. Info on setting up and using his GPS mobile for his local tracking.

So if any APRS user, would like to help the Gentelman out further, drop him a line if you like.

APRS, TRY IT, YOU'LL LIKE IT...

73's & Enjoy, Bill/WB6LPG @ KA6EYH

NNNN

WBB/WB6LPG

From n8chb@tir.com Mon Jul 01 10:20:02 1996

Received: from tir.com (sun.tir.com [205.138.41.6]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA27337 for <aprssig@tapr.org>; Mon, 1 Jul 1996 10:19:57 -0500 (CDT)

Received: from n8chb.tir.com (an4liv.tir.com [205.218.84.6]) by tir.com (8.7.5/8.7) with SMTP id LAA15349 for <aprssig@tapr.org>; Mon, 1 Jul 1996 11:16:46 -0400 (EDT)

Message-ID: <31D7DE68.5611@tir.com>

Date: Mon, 01 Jul 1996 15:19:21 +0100

From: N8CHB <n8chb@tir.com>

Reply-To: n8chb@tir.com

X-Mailer: Mozilla 3.0b4Gold (Win95; I)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: Re: [APRSSIG:2573] Repeater locations

References: <960630193433_104357.130_IHS82-1@CompuServe.COM>

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Chris T. Thompson wrote:

>

> I've been reading the mail here about the disclosure of repeater locations for
> maps and such and have the following comment.

>

> Our club repeater site is locked inside a steel cargo container and is
> surrounded by 10 foot high fencing with razor wire at the top and bottom. As a
> club rule we do not disclose more information on the location of it than the

> city its located in. For that matter, I don't believe more than 30 of the clubs
> 200+ members know where it is. And guess what. At least once a year somebody
> risks life and limb to either break in or vandalize it.
>
> Please take my advise and keep this kind of information quiet. There aren't
> that many bad eggs in this hobby but it only takes one or two to ruin your day
> and your machine.
>
> Chris N1NIQ
//////////

What's needed possibly is a little reversed psychology.
Forget all the security measures and mount the repeater
on a US Mail box in a highly visible area.
Put a sign on it telling what it is and value.
Next tell everyone where it's located and nobody will care.

Moral is:

When one can openly admit they have no control
over something, the need for an other to take it will be gone.

73

Roger N8CHB

From rtucker@moocow1.ttgcihn.com Mon Jul 01 10:45:39 1996
Received: from insosf1.netins.net (ttgcihn@insosf1.netins.net [167.142.225.5]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA28034 for <aprssig@tapr.org>; Mon, 1
Jul 1996 10:45:37 -0500 (CDT)
Received: (from ttgcihn@localhost) by insosf1.netins.net id KAA02755 for
aprssig@tapr.org; Mon, 1 Jul 1996 10:45:35 -0500 (CDT)
X-Authentication-Warning: insosf1.netins.net: ttgcihn set sender to
rtucker@moocow1.ttgcihn.com using -f
Received: from moocow1.ttgcihn.com (moocow1.ttgcihn.com [10.42.1.3]) by
crasher2.ttgcihn.com (8.7.5/960507.rtucker) with SMTP id KAA03894 for
<aprssig@tapr.org>; Mon, 1 Jul 1996 10:35:15 -0500
Date: Mon, 1 Jul 1996 10:35:15 -0500
Message-Id: <199607011535.KAA03894@crasher2.ttgcihn.com>
X-Sender: rtucker@crasher2
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: Ryan Tucker <rtucker@moocow1.ttgcihn.com>
Subject: Re: [APRSSIG:2594] Re: Repeater locations

At 05:39 AM 7/1/96 -0500, Rick O'Hearn wrote:

> I feel bad for bringing up a topic that has the potential to
> start a war. But then again I sometimes think anything could start a war
> here.(I'll try to watch my spelling)
>
> I was looking for a simple non-exact way to plot the location of
> (voice and DigGi) repeaters to determin my range to them. But thank you

>all I guess I'll keep lookin'.

No problem. I think it brought up a very valid topic -- since APRS is quite exact, and it's the least expensive tool of its kind, it has great potential for stuff like that. Every tool has two sides, a good side and a bad side. Look at hammers, knives, screwdrivers, WWW browsers, et al. APRS is no different -- it can be used for good (finding repeaters as you drive along so you can chat) or bad (finding repeaters as you drive along so you can get a new black blinky box for your shack).

Keep that in mind. I can't see any of the active list members using it for bad purposes, but we aren't the only ones using it. I'm not saying that APRS should be turned into an exclusive tool for personal friends of Bob, nor am I saying it should be pruned into APRS Lite or something. I am saying that we should remember that every feature stuck into it has the potential for abuse, and ergo, the attention of less-understanding powers that be. -rt

--

```
#!/usr/bin/perl
```

```
# Ryan Tucker <rtucker@ttgciitn.com> - President, TTGCITN Communications
```

```
# A famous Canadian is concerned for my mental well-being. Why?
```

```
print "You will be Enlightened.";exec("lynx http://www.ttgciitn.com");
```

From bruninga@nadm.navy.mil Mon Jul 01 10:55:26 1996

Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id KAA28608 for <aprssig@tapr.org>; Mon, 1 Jul 1996 10:55:25 -0500 (CDT)

Received: (from bruninga@localhost) by arctic.nadm.navy.mil (8.6.12/8.6.12) id LAA05690; Mon, 1 Jul 1996 11:56:23 -0400

Date: Mon, 1 Jul 1996 11:56:22 -0400 (EDT)

From: Bob Bruninga <bruninga@nadm.navy.mil>

To: aprssig@tapr.org

Subject: Re: [APRSSIG:2599] SAREX

In-Reply-To: <31D7CB69.844@slkc.uswest.net>

Message-ID: <Pine.SUN.3.91.960701115529.3457C-100000@arctic>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 1 Jul 1996, Doug Wetzel wrote:

> I tried matching doppler on the up/down (let's see Bob, that's
> 145.555/144.485 approaching and 145.455/144.495 receding, right?) and
545

Typo I assume?

de wb4apr@amsat.org

From randyhg@vggadg.gvg.tek.com Mon Jul 01 11:16:53 1996

Received: from inet1.tek.com (inet1.tek.com [134.62.48.21]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id LAA29356 for <aprssig@tapr.org>; Mon, 1 Jul 1996 11:16:52 -0500 (CDT)

Received: by inet1.tek.com id <AA25864@inet1.tek.com>; Mon, 1 Jul 1996 09:16:19

-0700

Received: from tektronix.tek.com(134.62.48.24) by inet1 via smap (V1.3)

id sma030710; Mon Jul 1 09:16:10 1996

Received: from gv-gate.gvg.tek.com (gv-gate.gvg.tek.com [192.65.9.19]) by tektronix.tek.com (8.7.5/8.7.3) with SMTP id JAA18730 for <aprssig@tapr.org>; Mon, 1 Jul 1996 09:16:55 -0700 (PDT)

Received: from gvgadg.gvg.tek.com by gv-gate.gvg.tek.com (5.0/2.3)

id AA12225; Mon, 1 Jul 1996 09:16:06 +0800

Received: from hallrpc (hallrpc.gvg.tek.com) by gvgadg.gvg.tek.com (4.1/SMI-4.1)

id AA17031; Mon, 1 Jul 96 09:16:05 PDT

Message-Id: <9607011616.AA17031@gvgadg.gvg.tek.com>

X-Sender: randyh@gvgadg.gvg.tek.com

X-Mailer: Windows Eudora Version 1.4.4

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Date: Mon, 01 Jul 1996 09:15:44 -0700

To: aprssig@tapr.org

From: randyh@gvgadg.gvg.tek.com (Randy Hall)

Subject: GPS-20 Lock Success

Hi,

I too got my GPS-20 running this weekend. I wired the GPS-20 up on a hunk of perf board along with a Maxim switching regulator board to provide the GPS-20 with 5VDC.

I have a GPS-26, the Garmin active antenna. I connected this to a 20 foot extension cable and ran the cable through the window. I had to try several places outside to get a lock. I ended up putting it up on the patio rafters so that it could see more of the sky. Its first lock took 20-30 minutes. Relocks take only a couple of minutes now.

I checked the current draw. GPS-20 by itself is about 70mA. Their lit says max of around 180 mA. The active antenna draws about 10-15 mA more.

I am watching the data on a terminal program on a PC.

Now waiting for my LCD display module, then into a box.

Randy
WA2AGE

| O- |

| Thank you AOL, 24 disks and counting. |

Randy Hall WA2AGE randyh@gvgadg.gvg.tek.com Grass Valley Products

From jkerns@usit.net Mon Jul 01 11:24:32 1996

Received: from use.usit.net (root@use.usit.net [199.1.48.3]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id LAA29776 for <aprssig@tapr.org>; Mon, 1 Jul 1996 11:24:30 -0500 (CDT)

Received: from bway-slip119.dynamic.usit.net (bway-slip119.dynamic.usit.net [204.194.172.165]) by use.usit.net (8.6.12/8.6.9) with SMTP id MAA23954 for <aprssig@tapr.org>; Mon, 1 Jul 1996 12:24:22 -0400

Message-Id: <199607011624.MAA23954@use.usit.net>

X-Sender: jkerns@usit.net

X-Mailer: Windows Eudora Version 1.4.4

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Date: Mon, 01 Jul 1996 12:15:37 -0400

To: aprssig@tapr.org

From: jkerns@usit.net (jim kerns)

Subject: Re: [APRSSIG:2598] Aligator

>* break * *break * *break* the war "air" around here.

>

>I'm sure the Florida APRS users plotted the ValuJet crash.....

>well, did you here the two aligators talking?

>

>What did one Florida aligator said to the other?

>

>"This airline food aint so bad is it?????"

>

>

>Sorry, about take up the "bandwidth" but it sure beats wars!

>--

>KC5JGV

>Marshall, Arkansas

>

>

>I CERTINALLY HOPE NONE OF OUR READERS HAD FAMILY ON THE VALUE JET THAT CRASHED. (POOR TASTE FOR OPEN CHANNEL TO READ !!!!

Jim in Tn.

From bruninga@nadm.navy.mil Mon Jul 01 11:32:50 1996

Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id LAA29879 for <aprssig@tapr.org>; Mon, 1 Jul 1996 11:32:48 -0500 (CDT)

Received: (from bruninga@localhost) by arctic.nadm.navy.mil (8.6.12/8.6.12) id MAA08836; Mon, 1 Jul 1996 12:33:44 -0400

Date: Mon, 1 Jul 1996 12:33:43 -0400 (EDT)

From: Bob Bruninga <bruninga@nadm.navy.mil>

To: aprssig@tapr.org

Subject: Re: [APRSSIG:2603] Re: Repeater locations

In-Reply-To: <199607011535.KAA03894@crasher2.ttgcitn.com>

Message-ID: <Pine.SUN.3.91.960701122723.3457J-1000000@arctic>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

On 1 Jul 96, Ryan Tucker wrote about the concenrs over EXACT rprr locations:

> No problem. I think it brought up a very valid topic -- since APRS is quite
> exact, and it's the least expensive tool of its kind, it has great potential
> for stuff like that. Every tool has two sides, a good side and a bad side.
> Look at hammers, knives, screwdrivers, WWW browsers, et al. APRS is no
> different ...

APRSDos REPLY COMMENT: I though I posted a response that announced the
next version of APRS *CAN* maintain position ambiguity. Just use the
"SPACE" character instead of a numeral in the APRS posit format. Then
APRS will NOT display the object below a certain display scale:

3958.11N	Exact location
3958.1 N	Will not display below 8 miles
3958 N	Will not display below 128 miles.
39 N	Will not display below 512 miles.

de wb4apr@amsat.org

From wa4dsy@wa4dsy.radio.org Mon Jul 01 11:40:15 1996
Received: from smtp-gw01.ny.us.ibm.net (smtp-gw01.ny.us.ibm.net [165.87.194.252])
by tapr.org (8.7.5/8.7.3/1.9) with SMTP id LAA00406 for <aprssig@tapr.org>; Mon, 1
Jul 1996 11:40:13 -0500 (CDT)
Received: (from uucp@localhost) by smtp-gw01.ny.us.ibm.net (8.6.9/8.6.9) id
QAA65476 for <aprssig@tapr.org>; Mon, 1 Jul 1996 16:40:10 GMT
Message-Id: <199607011640.QAA65476@smtp-gw01.ny.us.ibm.net>
Received: from wa4dsy-1.wa4dsy.radio.org(206.28.196.146) by smtp-
gw01.ny.us.ibm.net via smap (V1.3mjr)
id sma4bECzR; Mon Jul 1 16:40:07 1996
Date: Mon, 01 Jul 96 12:40:07 EDT
From: wa4dsy@wa4dsy.radio.org (Dale Heatherington)
Reply-To: wa4dsy@wa4dsy.radio.org (Dale Heatherington)
To: aprssig@tapr.org
X-Mailer: Dale Heatherington's PMMail v1.1
Subject: Re: [APRSSID:2602] Re: Repeater locations

>>

>> I've been reading the mail here about the disclosure of repeater locations for
>> maps and such and have the following comment.

>>

>> Our club repeater site is locked inside a steel cargo container and is
>> surrounded by 10 foot high fencing with razor wire at the top and bottom. As a
>> club rule we do not disclose more information on the location of it than the
>> city its located in. For that matter, I don't believe more than 30 of the
clubs

>> 200+ members know where it is. And guess what. At least once a year somebody
>> risks life and limb to either break in or vandalize it.

>>

>> Please take my advise and keep this kind of information quiet. There aren't
>> that many bad eggs in this hobby but it only takes one or two to ruin your day
>> and your machine.

>>

>> Chris N1NIQ

How do you keep the location of a powerful emitter of RF secret?
Any moron with a scanner connected to a hand held yagi beam
can find it sooner or later!

Dale Heatherington, WA4DSY
e-mail - wa4dsy@wa4dsy.radio.org
Web page - <http://www.wa4dsy.radio.org>
This message brought to you by OS/2 Warp Connect.

From garnold@naples.net Mon Jul 01 12:33:29 1996
Received: from gator.naples.net (root@gator.naples.net [205.160.191.2]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id MAA02923 for <aprssig@tapr.org>; Mon, 1
Jul 1996 12:33:27 -0500 (CDT)
Received: from port45.annex1.naples.net (port45.annex1.naples.net
[205.160.191.141]) by gator.naples.net (8.7.3/8.6.12) with SMTP id NAA20553 for
<aprssig@tapr.org>; Mon, 1 Jul 1996 13:43:46 -0400 (EDT)
Message-ID: <31D83633.25C2@naples.net>
Date: Mon, 01 Jul 1996 13:33:55 -0700
From: Gary Arnold <garnold@naples.net>
Reply-To: garnold@naples.net
Organization: Collier County Emergency Management
X-Mailer: Mozilla 3.0b4Gold (Win16; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:2570] RE: Doppler on SAREX
References: <31D6DB0A.44E5@worldnet.att.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

William Nolle wrote:

>
> Bob Bruninga wrote:
> >
> > WB4APR SAID:-> and the orientation of the shuttle favors looking aft,
> > meaning you will get the best singals after it passes you. With 3 KHz
> > doppler, you might consider listening on 145.555 and transmitting on
> > 144.485 in this case. (Note +5 to listen, -5 to transmit. Reverse these
> > during approach).

If aft is favored it might explain why signals have only rarely been
heard on this mission. The spacecraft rarely flies belly down and nose
foreward on orbit. Quite often it is nose down, which would point the
aft-favoring antenna into deep space.

Suggest checking NASA TV where possible for updates on spacecraft
attitude. Quite often they show spacecraft attitude over the positional
map of the globe. With an aft favored antenna, nose straight up would be
the ideal position for SAREX.

73,
Gary WB2WPA

Gary Arnold CEM
Coordinator, Collier County (FL) Emergency Management
garnold@naples.net
76656.2753@compuserve.com
[Packet radio] wb2wpa@wb2wpa.#nap.fl.usa.noam

EM pages: "http://www.naples.net/govern/county/emrgmt/zccem1.htm"
Personal page: "http://www.naples.net/govern/county/emrgmt/garnold.htm"

"I'm writing an unauthorized autobiography."
-- Steven Wright, perpipheral visionary

From w6dnt@w6dnt.ampr.org Mon Jul 01 12:56:00 1996
Received: from vk2xoc.ampr.org (vhf433.vk2xoc.ampr.org [44.4.94.32]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id MAA04056 for <aprssig@tapr.org>; Mon, 1 Jul 1996 12:53:18 -0500 (CDT)
Received: from w6dnt.ampr.org by vk2xoc.ampr.org (TNOS2.02p12/U) with SMTP id AA18256 ; Mon, 01 Jul 96 10:34:40 -0700
Received: from at.w6dnt.ampr.org by w6dnt.ampr.org with SMTP id AA4123 ; Mon, 01 Jul 96 10:43:42 -08
Date: Mon, 01 Jul 96 10:38:17 GMT
Message-Id: <294@w6dnt.ampr.org>
Sender: w6dnt@w6dnt.ampr.org (Al Chan - W6DNT)
From: w6dnt@w6dnt.ampr.org (Al Chan - W6DNT)
Reply-To: AlChan@aol.com
To: aprssig%tapr.org@w6dnt.ampr.org, alChan@aol.com@w6dnt.ampr.org, al.chan%toadhall.com@w6dnt.ampr.org, alchan%ix.netcom.com@w6dnt.ampr.org
Subject: Repeat

What causes an old message on this forum to be repeated after an elapse time of 22 days?

-al.

From ke4eer@worldnet.att.net Mon Jul 01 12:57:09 1996
Received: from mailhost.worldnet.att.net (mailhost.worldnet.att.net [204.127.129.4]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id MAA04416 for <aprssig@tapr.org>; Mon, 1 Jul 1996 12:57:07 -0500 (CDT)
Received: by mailhost.worldnet.att.net (SMI-8.6/SMI-SVR4) id RAA11057; Mon, 1 Jul 1996 17:56:32 GMT
Received: from 39.bridgeton-3.mo.dial-access.att.net(199.69.38.39) by mailhost.worldnet.att.net with SMTP id A10991; Mon Jul 1 17:56:18 1996
Message-ID: <31D82D55.E96@worldnet.att.net>
Date: Mon, 01 Jul 1996 12:56:05 -0700
From: William Nolle <ke4eer@worldnet.att.net>
X-Mailer: Mozilla 2.01 (Win16; U)

MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:2609] RE: Doppler on SAREX
References: <31D83633.25C2@naples.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gary Arnold wrote:

>
> If aft is favored it might explain why signals have only rarely been
> heard on this mission. The spacecraft rarely flies belly down and nose
> foreward on orbit. Quite often it is nose down, which would point the
> aft-favoring antenna into deep space.
>
> Suggest checking NASA TV where possible for updates on spacecraft
> attitude. Quite often they show spacecraft attitude over the positional
> map of the globe. With an aft favored antenna, nose straight up would be
> the ideal position for SAREX.
>
> 73,
> Gary WB2WPA

Well Gary i looked this morning and it was tail down pointing right at us. Maybe that's why the last couple of voice passes have been pretty good..

--

Bill WA8INZ Former (KE4EER)
ke4eer@worldnet.att.net
ke4eer@amsat.org

From ke4eer@worldnet.att.net Mon Jul 01 13:00:41 1996
Received: from mailhost.worldnet.att.net (mailhost.worldnet.att.net
[204.127.129.4]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id NAA04526 for
<aprssig@tapr.org>; Mon, 1 Jul 1996 13:00:39 -0500 (CDT)
Received: by mailhost.worldnet.att.net (SMI-8.6/SMI-SVR4)
id SAA12610; Mon, 1 Jul 1996 18:00:06 GMT
Received: from 39.bridgeton-3.mo.dial-access.att.net(199.69.38.39)
by mailhost.worldnet.att.net with SMTP
id A12484; Mon Jul 1 17:59:47 1996
Message-ID: <31D82E26.6D69@worldnet.att.net>
Date: Mon, 01 Jul 1996 12:59:34 -0700
From: William Nolle <ke4eer@worldnet.att.net>
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:2606] Re: Aligator
References: <199607011624.MAA23954@use.usit.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

jim kerns wrote:

>
> >* break * *break * *break* the war "air" around here.
> >

> >I'm sure the Florida APRS users plotted the ValuJet crash.....
> >well, did you here the two aligators talking?
> >
> >What did one Florida aligator said to the other?
> >
> >"This airline food aint so bad is it?????"
> >
> >
> >Sorry, about take up the "bandwidth" but it sure beats wars!
> >--
> >KC5JGV
> >Marshall, Arkansas
> >
> >
> >I CERTINALLY HOPE NONE OF OUR READERS HAD FAMILY ON THE VALUE JET THAT
> CRASHED. (POOR TASTE FOR OPEN CHANNEL TO READ !!!!
> Jim in Tn.

And i also second that. BAD BAD TASTE!!!

--

Bill WA8INZ Former (KE4EER)
ke4eer@worldnet.att.net
ke4eer@amsat.org

From wmwalker@village.yvv.com Mon Jul 01 13:38:20 1996
Received: from yvv.com (village.yvv.com [207.41.8.10]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id NAA06762 for <aprssig@tapr.org>; Mon, 1 Jul 1996
13:38:18 -0500 (CDT)
Received: from warren by yvv.com (SMI-8.6/SMI-SVR4)
id OAA24008; Mon, 1 Jul 1996 14:37:56 -0400
Message-Id: <199607011837.OAA24008@yvv.com>
From: "Warren Walker" <wmwalker@village.yvv.com>
To: "aprssig@tapr.org" <aprssig@tapr.org>
Subject: WINAprs v110 posted
Date: Mon, 1 Jul 1996 14:39:31 -0400
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Looks like WINAprs version 110 has been posted on aprs.rutgers.edu/APRS/
(FTP)

From Doug_Wetzel@acs.uswest.com Mon Jul 01 14:26:47 1996
Received: from uswgco2.uswc.uswest.com (uswgco2.uswest.com [206.196.133.74]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id OAA09386 for <aprssig@tapr.org>; Mon, 1
Jul 1996 14:26:43 -0500 (CDT)
From: Doug_Wetzel@acs.uswest.com
Received: (from smap@localhost) by uswgco2.uswc.uswest.com (8.7.1/8.7.1) id
NAA15111 for <aprssig@tapr.org>; Mon, 1 Jul 1996 13:25:32 -0600 (MDT)

Received: from egate.mnet.uswest.com(151.116.23.138) by uswgco2.uswc.uswest.com via smap (V1.3)
id sma015087; Mon Jul 1 13:24:21 1996
Received: from easthub (easthub.mnet.uswest.com [151.117.26.86]) by egate.mnet.uswest.com (8.7.1/8.7.1) with SMTP id NAA19384 for <aprssig@tapr.org>; Mon, 1 Jul 1996 13:24:18 -0600 (MDT)
Received: by easthub.mnet.uswest.com (M-Net Hub.951228)
Received: by acs.uswest.com (5.x/SMI-SVR4)
id AA04005; Mon, 1 Jul 1996 14:21:46 -0500
Received: from acmspgw1 by acs.uswest.com (5.x/SMI-SVR4)
id AC03961; Mon, 1 Jul 1996 14:21:39 -0500
Received: from ccMail by acmspgw1.mnet.uswest.com (IMA Internet Exchange v1.04) id 1d81d590; Mon, 1 Jul 96 13:47:53 -0500
Mime-Version: 1.0
Date: Mon, 1 Jul 1996 10:13:54 -0500
Message-Id: <1d81d590@acmspgw1.mnet.uswest.com>
Return-Receipt-To: Doug_Wetzel@acs.uswest.com
Subject: SAREX 7/1
To: aprssig@tapr.org
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Description: cc:Mail note part

Again, heard packets on the 1423Z orbit this morning, but after four or five, voice comm came up working several stations in the west. Packet levels were not strong enough to decode at AOS, but the voice carrier was full quieting at max el. Still APRSing for the next pass...

73
Doug
KC7CO
DN40BM
Salt Lake City

From jagrelo@cris.com Mon Jul 01 15:21:24 1996
Received: from franklin.cris.com (franklin.cris.com [199.3.12.31]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id PAA11769 for <aprssig@tapr.org>; Mon, 1 Jul 1996 15:21:22 -0500 (CDT)
Received: from darius.cris.com (darius [199.3.12.32]) by franklin.cris.com (8.7.5/(96/06/11 2.45)) id QAA04526; Mon, 1 Jul 1996 16:20:07 -0400 (EDT) [1-800-745-2747 The Concentric Network]
Errors-To: jagrelo@cris.com
Received: from crc3.pop3.net (cnc059038.concentric.net [206.83.77.38]) by darius.cris.com (8.7.3) id QAA19632; Mon, 1 Jul 1996 16:18:43 -0400 (EDT)
Message-ID: <31D85DCE.5986@concentric.net>
Date: Mon, 01 Jul 1996 16:22:54 -0700
From: Joseph Agrelo <jagrelo@cris.com>
Organization: Agrelo Engineering
X-Mailer: Mozilla 2.01 (Win95; U)
MIME-Version: 1.0

To: aprssig@tapr.org
Subject: Re: [APRSSIG:2613] WINAprs v110 posted
References: <199607011837.0AA24008@yvv.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Warren Walker wrote:

>
> Looks like WINAprs version 110 has been posted on aprs.rutgers.edu/APRS/
> (FTP)

No response from server! hmmm...I thought there FTP was down.

73 De Joe N200C

XX

Agrelo Engineering
Joe Agrelo/President
1145 Catalyn St. Schenectady, NY 12303 USA
(518)381-1057
(518)381-1058

E-Mail: Jagrelo@concentric.net

WEB: <http://home.navisoft.com/agrelo/ae.htm>

Designer & Manufacturer of intelligent microprocessor
based Doppler and talking products

Experts in Microchip & Motorola processors

XX

From w2g3zffj@unix.asb.com Mon Jul 01 15:41:18 1996

Received: from unix.asb.com (root@unix.asb.com [165.254.128.4]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id PAA12388 for <aprssig@tapr.org>; Mon, 1 Jul 1996
15:41:14 -0500 (CDT)

Received: from asb20 (sls10.asb.com [165.254.128.20]) by unix.asb.com
(8.6.12/8.6.9) with SMTP id QAA23238 for <aprssig@tapr.org>; Mon, 1 Jul 1996
16:54:02 -0400

Date: Mon, 1 Jul 1996 16:54:02 -0400

Message-Id: <199607012054.QAA23238@unix.asb.com>

X-Sender: w2g3zffj@unix.asb.com

X-Mailer: Windows Eudora Light Version 1.5.2

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

To: aprssig@tapr.org

From: bob <w2g3zffj@unix.asb.com>

Subject: Re: [APRSSIG:2613] WINAprs v110 posted

Hi There

I can't seem to find this URL, is it correct? The old one (which still has
winaprs beta) was www-ns.rutgers.edu/pub/hamradio/aprs/.

Any chance of someone putting winaprs110.zip on TAPR?

Thanks

bob w2/g3zfj
w2g3zfj@unix.asb.com
www.asb.com/usr/w2g3zfj/aprs1.htm

At 13:52 01/07/96 -0500, you wrote:

> Looks like WINAprs version 110 has been posted on aprs.rutgers.edu/APRS/
> (FTP)
>
>
>
>

From ke4eer@worldnet.att.net Mon Jul 01 15:48:38 1996
Received: from mailhost.worldnet.att.net (mailhost.worldnet.att.net
[204.127.129.4]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id PAA12891 for
<aprssig@tapr.org>; Mon, 1 Jul 1996 15:48:37 -0500 (CDT)
Received: by mailhost.worldnet.att.net (SMI-8.6/SMI-SVR4)
id UAA27500; Mon, 1 Jul 1996 20:48:04 GMT
Received: from 62.bridgeton-3.mo.dial-access.att.net(199.69.38.62)
by mailhost.worldnet.att.net with SMTP
id A27401; Mon Jul 1 20:47:57 1996
Message-ID: <31D8558F.1561@worldnet.att.net>
Date: Mon, 01 Jul 1996 15:47:43 -0700
From: William Nolle <ke4eer@worldnet.att.net>
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:2614] SAREX 7/1
References: <1d81d590@acmspgw1.mnet.uswest.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Doug_Wetzel@acs.uswest.com wrote:

>
> Again, heard packets on the 1423Z orbit this morning, but after four or five,
> voice comm came up working several stations in the west. Packet levels were not
> strong enough to decode at AOS, but the voice carrier was full quieting at max
> el. Still APRSing for the next pass...
>
> 73
> Doug
> KC7CO
> DN40BM
> Salt Lake City

Doug are you sure you heard packet. The first two passes this morning where voice!
the 3th pass was nothing at all. I didn't stick around for the nest two.

--

Bill WA8INZ
ke4eer@worldnet.att.net
ke4eer@amsat.org

From wa4dsy@wa4dsy.radio.org Mon Jul 01 16:01:00 1996
Received: from smtp-gw01.ny.us.ibm.net (smtp-gw01.ny.us.ibm.net [165.87.194.252])
by tapr.org (8.7.5/8.7.3/1.9) with SMTP id QAA13104 for <aprssig@tapr.org>; Mon, 1
Jul 1996 16:00:56 -0500 (CDT)
Received: (from uucp@localhost) by smtp-gw01.ny.us.ibm.net (8.6.9/8.6.9) id
VAA13864 for <aprssig@tapr.org>; Mon, 1 Jul 1996 21:00:53 GMT
Message-Id: <199607012100.VAA13864@smtp-gw01.ny.us.ibm.net>
Received: from wa4dsy-1.wa4dsy.radio.org(206.28.196.146) by smtp-
gw01.ny.us.ibm.net via smap (V1.3mjr)
id smaufwDmb; Mon Jul 1 21:00:42 1996
Date: Mon, 01 Jul 96 17:00:42 EDT
From: wa4dsy@wa4dsy.radio.org (Dale Heatherington)
Reply-To: wa4dsy@wa4dsy.radio.org (Dale Heatherington)
To: aprssig@tapr.org
X-Mailer: Dale Heatherington's PMMail v1.1
Subject: MFJ Data Radio & KPC3

I stupidly attempted to connect an MFJ-8621 data radio
to a Kantronics KPC-3. Forget it! The MFJ radio
has no squelch and the KPC-3 has a dumb "energy present"
carrier detector. The no-signal white noise from the
data radio keeps the KPC-3 carrier detector ON all the time.

I suppose I should have tested them together *before*
I spent \$30 for the GPS eeprom from Kantronics.

Too bad. They would have made a nice pair... unless
someone has a fix for this?

Dale Heatherington, WA4DSY
e-mail - wa4dsy@wa4dsy.radio.org
Web page - <http://www.wa4dsy.radio.org>
Running OS/2 Warp: The only x86 operating system that
is more stable than most people who use it.

From sproul@ap.org Mon Jul 01 16:07:40 1996
Received: from janus.ap.org (eos.ap.org [165.1.6.1]) by tapr.org (8.7.5/8.7.3/1.9)
with SMTP id QAA13560 for <aprssig@tapr.org>; Mon, 1 Jul 1996 16:07:38 -0500 (CDT)
Received: from [165.1.27.20] by janus.ap.org (SMI-8.6/SMI-SVR4)
id RAA03505; Mon, 1 Jul 1996 17:03:51 -0400
X-Sender: sproul@165.1.6.1
Message-Id: <v03007600adfddeea8930@[165.1.27.20]>
In-Reply-To: <31D85DCE.5986@concentric.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Mon, 1 Jul 1996 17:09:24 -0400
To: aprssig@tapr.org
From: Mark Sproul <sproul@ap.org>
Subject: Re: [APRSSIG:2615] Re: WINAprs v110 posted

>Warren Walker wrote:
>>
>> Looks like WINAprs version 110 has been posted on aprs.rutgers.edu/APRS/
>> (FTP)
>
>No response from server! hmmm...I thought there FTP was down.
>

Version 1.1.0 is now up on TAPR in case you are having problems getting
into RUTGERS

Mark

Mark Sproul	Amateur Radio: KB2ICI
Software Engineer @ Assoc Press	
sproul@ap.org	Work: 609-860-7120
North Brunswick, NJ	Fax: 609-860-7129
http://msproul.rutgers.edu/	

From sproul@ap.org Mon Jul 01 16:11:36 1996
Received: from janus.ap.org (eos.ap.org [165.1.6.1]) by tapr.org (8.7.5/8.7.3/1.9)
with SMTP id QAA13752 for <aprssig@tapr.org>; Mon, 1 Jul 1996 16:11:34 -0500 (CDT)
Received: from [165.1.27.20] by janus.ap.org (SMI-8.6/SMI-SVR4)
id RAA03684; Mon, 1 Jul 1996 17:07:50 -0400
X-Sender: sproul@165.1.6.1
Message-Id: <v03007601adfdf012cee1@[165.1.27.20]>
In-Reply-To: <199607012054.QAA23238@unix.asb.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Mon, 1 Jul 1996 17:15:41 -0400
To: aprssig@tapr.org
From: Mark Sproul <sproul@ap.org>
Subject: Re: [APRSSIG:2616] Re: WINAprs v110 posted

>Hi There
>
>
>I can't seem to find this URL, is it correct? The old one (which still has
>winaprs beta) was www-ns.rutgers.edu/pub/hamradio/aprs/.
>
>Any chance of someone putting winaprs110.zip on TAPR?

Its up there NOW, the CORRECT URL is <http://aprs.rutgers.edu/>

Mark

Mark Sproul	Amateur Radio: KB2ICI
Software Engineer @ Assoc Press	
sproul@ap.org	Work: 609-860-7120
North Brunswick, NJ	Fax: 609-860-7129
http://msproul.rutgers.edu/	

From bleonard@mail.phbtsus.com Mon Jul 01 16:18:08 1996
Received: from mail.phbtsus.com (mail.phbtsus.com [192.40.29.68]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id QAA14175 for <aprssig@tapr.org>; Mon, 1 Jul 1996 16:18:06 -0500 (CDT)
Received: from BTSSLC-Message_Server by mail.phbtsus.com with Novell_GroupWise; Mon, 01 Jul 1996 15:21:45 -0600
Message-Id: <s1d7ed09.062@mail.phbtsus.com>
X-Mailer: Novell GroupWise 4.1
Date: Mon, 01 Jul 1996 15:21:27 -0600
From: Bruce Leonard <bleonard@mail.phbtsus.com>
To: aprssig@tapr.org
Subject: [APRSSIG:2615] Re: WINAprs v110 posted -Reply

I too tried the FTP site with no success...

73
kj7hz
Bruce Leonard

From sparks@communique.net Mon Jul 01 16:55:49 1996
Received: from tetsuo.communique.net (Tetsuo.Communique.Net [204.27.64.10]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id QAA17166 for <aprssig@tapr.org>; Mon, 1 Jul 1996 16:55:47 -0500 (CDT)
Received: from [204.27.122.139] (139.sli2.Communique.Net [204.27.122.139]) by tetsuo.communique.net (8.6.12/8.6.12) with SMTP id QAA03450 for <aprssig@tapr.org>; Mon, 1 Jul 1996 16:55:23 -0500
Message-Id: <v01530500adfdf96e25e4@[204.27.122.187]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Mon, 1 Jul 1996 16:55:30 -0500
To: aprssig@tapr.org
From: sparks@communique.net (Jan R. Edwards)
Subject: Re: [APRSSIG:2616] Re: WINAprs v110 posted

>Hi There
>
>
>I can't seem to find this URL, is it correct? The old one (which still has
>winaprs beta) was www-ns.rutgers.edu/pub/hamradio/aprs/.
>
>Any chance of someone putting winaprs110.zip on TAPR?
>

>Thanks
>
>bob w2/g3zfvj
>w2g3zfvj@unix.asb.com
>www.asb.com/usr/w2g3zfvj/aprs1.htm

Bob,

This is the correct URL:

<ftp://aprs.rutgers.edu/pub/hamradio/aprs/WinAPRS/>

73

Jan Edwards WB5TKC

sparks@communique.net

From ksproul@hardees.rutgers.edu Mon Jul 01 17:01:09 1996
Received: from hardees.rutgers.edu (hardees.rutgers.edu [128.6.18.2]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id RAA17695 for <aprssig@tapr.org>; Mon, 1 Jul 1996
17:01:05 -0500 (CDT)
Received: (from ksproul@localhost) by hardees.rutgers.edu
(8.6.12+bestmx+oldruq+newsunq+grosshack/8.6.12) id SAA24844; Mon, 1 Jul 1996
18:00:58 -0400
Sender: Keith Sproul <ksproul@hardees.rutgers.edu>
Date: Mon, 1 Jul 96 18:00:57 EDT
From: Keith Sproul <ksproul@hardees.rutgers.edu>
Reply-To: Keith Sproul <ksproul@hardees.rutgers.edu>
To: aprssig@tapr.org
Cc: w2g3zfvj@unix.asb.com
In-Reply-To: Your message of Mon, 1 Jul 1996 15:44:19 -0500 (CDT)
Subject: re: WinAPRS v 1.1.0 Is on TAPR
Message-ID: <CMM-RU.1.4.836258457.ksproul@hardees.rutgers.edu>

>Any chance of someone putting winaprs110.zip on TAPR?

We put WinAPRS 1.1.0 up on TAPR this afternoon..

It is in

<ftp://ftp.tapr.org/tapr/SIG/aprssiG/files/winstuff/WinAPRS/>

Keith

Keith Sproul
Student Housing Network Coordinator
Rutgers University Computing Services
<http://www-ns.rutgers.edu/~ksproul/>

Ham Radio: WU2Z
ksproul@noc.rutgers.edu
908 445-3695 Work 908 445-2968 Fax
908 821-4828 Home

From jleonard@tbcnet.com Mon Jul 01 17:07:42 1996
Received: from tbc1.tbcnet.com (root@tbc1.tbcnet.com [207.112.224.11]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id RAA18128 for <aprssig@tapr.org>; Mon, 1 Jul 1996 17:07:41 -0500 (CDT)
Received: from ts256.tbcnet.com (ts256.tbcnet.com [207.112.227.56]) by tbc1.tbcnet.com (8.7.4/8.7.3) with SMTP id RAA12437 for <aprssig@tapr.org>; Mon, 1 Jul 1996 17:07:40 -0500
Date: Mon, 1 Jul 1996 17:07:40 -0500
Message-Id: <199607012207.RAA12437@tbc1.tbcnet.com>
X-Authentication-Warning: tbc1.tbcnet.com: Host ts256.tbcnet.com [207.112.227.56] didn't use HELO protocol
X-Sender: jleonard@tbcnet.com
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: "John B. Leonard, Jr" <jleonard@tbcnet.com>
Subject: Re: [APRSSIG:2613] WINAprs v110 posted

At 13:52 7/1/96 -0500, you wrote:
>Looks like WINAprs version 110 has been posted on aprs.rutgers.edu/APRS/
>(FTP)
>
>

it's here...
<ftp://ftp.tapr.org/tapr/SIG/aprssiG/files/winstuff/WinAPRS/>

jbl

J Barry Leonard/N9VJQ
DeKalb IL
E-MAIL: jleonard@tbcnet.com
WWW Home Page <http://tbcnet.com/~jleonard/leonard.htm>

From jleonard@tbcnet.com Mon Jul 01 17:12:11 1996
Received: from tbc1.tbcnet.com (root@tbc1.tbcnet.com [207.112.224.11]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id RAA18357 for <aprssig@tapr.org>; Mon, 1 Jul 1996 17:12:09 -0500 (CDT)
Received: from ts256.tbcnet.com (ts256.tbcnet.com [207.112.227.56]) by tbc1.tbcnet.com (8.7.4/8.7.3) with SMTP id RAA12519 for <aprssig@tapr.org>; Mon, 1 Jul 1996 17:12:12 -0500
Date: Mon, 1 Jul 1996 17:12:12 -0500
Message-Id: <199607012212.RAA12519@tbc1.tbcnet.com>
X-Authentication-Warning: tbc1.tbcnet.com: Host ts256.tbcnet.com [207.112.227.56] didn't use HELO protocol
X-Sender: jleonard@tbcnet.com
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: "John B. Leonard, Jr" <jleonard@tbcnet.com>

Subject: Re: [APRSSIG:2618] MFJ Data Radio & KPC3

I thot the command published in the manual
CD software
put the tnc into a quasi-DCD mode.

Or at least it did on mine. I was able to operate it w/o squelch on 2 radios.

jbl

At 16:02 7/1/96 -0500, you wrote:

>I stupidly attempted to connect an MFJ-8621 data radio
>to a Kantronics KPC-3. Forget it! The MFJ radio
>has no squelch and the KPC-3 has a dumb "energy present"
>carrier detector. The no-signal white noise from the
>data radio keeps the KPC-3 carrier detector ON all the time.
>

>I suppose I should have tested them together *before*
>I spent \$30 for the GPS eprom from Kantronics.

>
>Too bad. They would have made a nice pair... unless
>someone has a fix for this?

>
>
>

>-----
>Dale Heatherington, WA4DSY
>e-mail - wa4dsy@wa4dsy.radio.org
>Web page - <http://www.wa4dsy.radio.org>
>Running OS/2 Warp: The only x86 operating system that
>is more stable than most people who use it.

>

J Barry Leonard/N9VJQ
DeKalb IL
E-MAIL: jleonard@tbcnet.com
WWW Home Page <http://tbcnet.com/~jleonard/leonard.htm>

From KD4EMI@aol.com Mon Jul 01 17:14:36 1996
Received: from emout19.mail.aol.com (emout19.mx.aol.com [198.81.11.45]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id RAA18429 for <aprssig@tapr.org>; Mon, 1
Jul 1996 17:14:33 -0500 (CDT)

From: KD4EMI@aol.com
Received: by emout19.mail.aol.com (8.6.12/8.6.12) id SAA03036 for
aprssig@tapr.org; Mon, 1 Jul 1996 18:15:11 -0400
Date: Mon, 1 Jul 1996 18:15:11 -0400
Message-ID: <960701181511_345635938@emout19.mail.aol.com>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:2612] Re: Aligator

In a message dated 96-07-01 14:55:49 EDT, you write:

>
>jim kerns wrote:
>>
>> >* break * *break * *break* the war "air" around here.
>> >
>> >I'm sure the Florida APRS users plotted the ValuJet crash.....
>> >well, did you here the two aligators talking?
>> >

Really !!

Ive really pissed off some people in my life (ask any HAM in South Florida) but a joke like that on an open forum is not too smart....
Especially since my friend was flying out that day on VALUE JET and it took me about 3 hours to find out she was not on that flight. Man was I worried...

BTW, no one did plot the location of the crash. I havent seen it on the map here since it happened....

We did getr lots of msgs and plots of the brothers to the rescue shoot down, and I have logs of various airplanes of them flying around down there...

Mike

KD4EMI@AOL.COM

From KD4EMI@aol.com Mon Jul 01 17:14:36 1996

Received: from emout09.mail.aol.com (emout09.mx.aol.com [198.81.11.24]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id RAA18428 for <aprssig@tapr.org>; Mon, 1 Jul 1996 17:14:33 -0500 (CDT)

From: KD4EMI@aol.com

Received: by emout09.mail.aol.com (8.6.12/8.6.12) id SAA16562 for aprssig@tapr.org; Mon, 1 Jul 1996 18:15:09 -0400

Date: Mon, 1 Jul 1996 18:15:09 -0400

Message-ID: <960701181508_345635997@emout09.mail.aol.com>

To: aprssig@tapr.org

Subject: HELP WITH TNC CODE

I got to thinking..Ive got the BASIC stamp thing kinda worked out but thought about TNC EPROMS..

What does the code look like in those things...?

Ive seen other EPROMS with TAPR stuff, or other code used in certain TNC'S...

Is this hard to learn ? What is it...? Can I use it to reprogram a TNC and burn my own code ?

Can you send some examples of TNC code ?

Why dont we write some code to add some accesory functions, then just sell reprogrammed EMPROMS for cheap ??

Any help would be apprec..

Mike

KD4EMI@AOL.COM

From jleonard@tbcnet.com Mon Jul 01 17:16:03 1996

Received: from tbc1.tbcnet.com (root@tbc1.tbcnet.com [207.112.224.11]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id RAA18496 for <aprssig@tapr.org>; Mon, 1 Jul 1996 17:16:01 -0500 (CDT)
Received: from ts256.tbcnet.com (ts256.tbcnet.com [207.112.227.56]) by tbc1.tbcnet.com (8.7.4/8.7.3) with SMTP id RAA12624 for <aprssig@tapr.org>; Mon, 1 Jul 1996 17:15:59 -0500
Date: Mon, 1 Jul 1996 17:15:59 -0500
Message-Id: <199607012215.RAA12624@tbc1.tbcnet.com>
X-Authentication-Warning: tbc1.tbcnet.com: Host ts256.tbcnet.com [207.112.227.56] didn't use HELO protocol
X-Sender: jleonard@tbcnet.com
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: "John B. Leonard, Jr" <jleonard@tbcnet.com>
Subject: Re: [APRSSIG:2618] MFJ Data Radio & KPC3

Dale,
Try these commands:

```
interface terminal
```

and

```
cd software
```

Out of the box, the kpc3 won't work with aprs or a non-squelch radio.

There are some changes you haveta make.

jbl

At 16:02 7/1/96 -0500, you wrote:

```
>I stupidly attempted to connect an MFJ-8621 data radio  
>to a Kantronics KPC-3. Forget it! The MFJ radio  
>has no squelch and the KPC-3 has a dumb "energy present"  
>carrier detector. The no-signal white noise from the  
>data radio keeps the KPC-3 carrier detector ON all the time.
```

```
>
```

```
>I suppose I should have tested them together *before*
```

```
>I spent $30 for the GPS eprom from Kantronics.
```

```
>
```

```
>Too bad. They would have made a nice pair... unless
```

```
>someone has a fix for this?
```

```
>
```

```
>
```

```
>
```

```
>-----
```

```
>Dale Heatherington, WA4DSY
```

```
>e-mail - wa4dsy@wa4dsy.radio.org
```

```
>Web page - http://www.wa4dsy.radio.org
```

>Running OS/2 Warp: The only x86 operating system that
>is more stable than most people who use it.
>

J Barry Leonard/N9VJQ
DeKalb IL
E-MAIL: jleonard@tbcnet.com
WWW Home Page <http://tbcnet.com/~jleonard/leonard.htm>

From jley@commerce.wes.mot.com Mon Jul 01 17:23:49 1996
Received: from motgate2.mot.com (motgate2.mot.com [129.188.136.20]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id RAA19238 for <aprssig@tapr.org>; Mon, 1 Jul 1996
17:23:46 -0500 (CDT)
Received: from pobox.mot.com (pobox.mot.com [129.188.137.100]) by motgate2.mot.com
(8.7.3/8.6.10/MOT-3.8) with ESMTP id WAA07215 for <aprssig@tapr.org>; Mon, 1 Jul
1996 22:21:02 GMT
Received: from kay.wes.mot.com (kay.wes.mot.com [129.188.176.100]) by
pobox.mot.com (8.7.3/8.6.10/MOT-3.8) with SMTP id RAA14437 for <aprssig@tapr.org>;
Mon, 1 Jul 1996 17:23:14 -0500 (CDT)
Received: from pcgateway2.wes.mot.com (commerce) by kay.wes.mot.com (4.1/SMI-4.1)
id AA15724; Mon, 1 Jul 96 17:26:00 CDT
Received: by pcgateway2.wes.mot.com with Microsoft Mail
id <31D86A0B@pcgateway2.wes.mot.com>; Mon, 01 Jul 96 17:15:07 PDT
From: Ley-QST004 John <jley@commerce.wes.mot.com>
To: aprssig <aprssig@tapr.org>
Subject: RE: [APRSSIG:2618] MFJ Data Radio & KPC3
Date: Mon, 01 Jul 96 17:19:00 PDT
Message-Id: <31D86A0B@pcgateway2.wes.mot.com>
Encoding: 38 TEXT
X-Mailer: Microsoft Mail V3.0

I am using a MFJ 8621 and KPC-3 - they work very well together, PROVIDED
that you set carrier detect to SOFTWARE(default is INTERNAL). Once done,
the combo is fine.

John Ley
KB9LPX

"Someday, I'll get the hinge of all this..."

From: aprssig[SMTP:aprssig@tapr.org]
Sent: Monday, July 01, 1996 16:02
To: aprssig
Subject: [APRSSIG:2618] MFJ Data Radio & KPC3

I stupidly attempted to connect an MFJ-8621 data radio
to a Kantronics KPC-3. Forget it! The MFJ radio
has no squelch and the KPC-3 has a dumb "energy present"
carrier detector. The no-signal white noise from the

data radio keeps the KPC-3 carrier detector ON all the time.

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Too bad. They would have made a nice pair... unless
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Dale Heatherington, WA4DSY
e-mail - wa4dsy@wa4dsy.radio.org
Web page - http://www.wa4dsy.radio.org
Running OS/2 Warp: The only x86 operating system that
is more stable than most people who use it.

From N2ZRC@gnn.com Mon Jul 01 17:24:28 1996
Received: from mail-e2b-service.gnn.com (mail-e2b-service.gnn.com
[204.148.102.170]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id RAA19283 for
<APRSSIG@tapr.org>; Mon, 1 Jul 1996 17:24:26 -0500 (CDT)
Received: from 53-175.client.gnn.com. (53-175.client.gnn.com [205.188.53.175]) by
mail-e2b-service.gnn.com (8.7.1/8.6.9) with SMTP id SAA26965 for
<APRSSIG@tapr.org>; Mon, 1 Jul 1996 18:23:52 -0400 (EDT)
Message-Id: <199607012223.SAA26965@mail-e2b-service.gnn.com>
X-Mailer: GNNmessenger 1.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Mon, 01 Jul 1996 18:23:21
From: Arte Booten <N2ZRC@gnn.com>
To: APRSSIG@tapr.org
Subject: Re: [APRSSIG:2554] SAREX QSL #'s

On Sat, 29 Jun 1996 Bob Bruninga wrote:

>...4) Not enough APRS stations trying???? (How can we prove or
>disprove this?)...

I dunno if this qualifies as proof, but I usually see many
more APRS stations on my screen than I have this past week. I
wonder if all these have moved (temporarily, of course) to the
SAREX frequency pair.

Arte Booten <N2ZRC@gnn.com>(preferred) or <N2ZRC@aol.com>(if necessary)
(Packet Radio: N2ZRC@KB2VLX.#BRONX.NY.USA.NA)
[Cruise Missile Coordinates: 40 52.69N / 073 54.06W]

Set coordinates 2-7-1, Chewbacca...

From wa4dsy@wa4dsy.radio.org Mon Jul 01 17:34:19 1996

Received: from smtp-gw01.ny.us.ibm.net (smtp-gw01.ny.us.ibm.net [165.87.194.252])
by tapr.org (8.7.5/8.7.3/1.9) with SMTP id RAA20320 for <aprssig@tapr.org>; Mon, 1
Jul 1996 17:34:18 -0500 (CDT)

Received: (from uucp@localhost) by smtp-gw01.ny.us.ibm.net (8.6.9/8.6.9) id
WAA41118 for <aprssig@tapr.org>; Mon, 1 Jul 1996 22:34:15 GMT

Message-Id: <199607012234.WAA41118@smtp-gw01.ny.us.ibm.net>

Received: from wa4dsy-1.wa4dsy.radio.org(206.28.196.146) by smtp-
gw01.ny.us.ibm.net via smap (V1.3mjr)

id sma6IUDmb; Mon Jul 1 22:34:12 1996

Date: Mon, 01 Jul 96 18:34:12 EDT

From: wa4dsy@wa4dsy.radio.org (Dale Heatherington)

Reply-To: wa4dsy@wa4dsy.radio.org (Dale Heatherington)

To: aprssig@tapr.org

X-Mailer: Dale Heatherington's PMMail v1.1

Subject: Re: [APRSSIG:2628] Re: MFJ Data Radio & KPC3

On Mon, 1 Jul 1996 17:21:18 -0500 (CDT) you wrote:

>Dale,

>Try these commands:

>

>interface terminal

>

>and

>

>cd software

>

>Out of the box, the kpc3 won't work with aprs or a non-squelch radio.

>

>There are some changes you haveta make.

>

>jbl

>

*** It works! Thanks for the tip. ***

Gotta love this mail list!

Dale Heatherington, WA4DSY

e-mail - wa4dsy@wa4dsy.radio.org

Web page - <http://www.wa4dsy.radio.org>

This message brought to you by OS/2 Warp Connect.

From snabkey@wingsbbs.com Mon Jul 01 17:58:25 1996

Received: from wingsbbs.com ([205.243.16.10]) by tapr.org (8.7.5/8.7.3/1.9) with
SMTP id RAA22185 for <aprssig@tapr.org>; Mon, 1 Jul 1996 17:58:23 -0500 (CDT)

Message-Id: <199607012258.RAA22185@tapr.org>

Received: from inertia.net by wingsbbs.com

with SMTP (IPAD 1.1a) id 4991400 ; Mon, 01 Jul 96 18:07:11 UTC

Comments: Authenticated sender is <snabkey@wingsbbs.com>
From: "Sam Nabkey, WJ8T" <snabkey@wingsbbs.com>
To: aprssig@tapr.org
Date: Mon, 1 Jul 1996 18:58:16 -0000
Subject: Re: [APRSSIG:2618] MFJ Data Radio & KPC3
Priority: normal
X-mailer: Pegasus Mail for Windows (v2.23)

On 1 Jul 96 at 16:02, Dale Heatherington wrote:

> I stupidly attempted to connect an MFJ-8621 data radio
> to a Kantronics KPC-3. Forget it! The MFJ radio
> has no squelch and the KPC-3 has a dumb "energy present"
> carrier detector. The no-signal white noise from the
> data radio keeps the KPC-3 carrier detector ON all the time.
>
> I suppose I should have tested them together *before*
> I spent \$30 for the GPS eprom from Kantronics.
>
> Too bad. They would have made a nice pair... unless
> someone has a fix for this?

at the command prompt enter the following:

```
int terminal  
cd software
```

That will fix it.

Sam

From largriff@onramp.net Mon Jul 01 18:08:22 1996
Received: from mailhost.onramp.net (mailhost.onramp.net [199.1.11.3]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id SAA23321 for <aprssig@tapr.org>; Mon, 1 Jul 1996 18:08:21 -0500 (CDT)
Received: from lub21.onramp.net (lub21.onramp.net [199.1.172.149]) by mailhost.onramp.net (8.7.3/8.6.5) with SMTP id SAA13612 for <aprssig@tapr.org>; Mon, 1 Jul 1996 18:08:20 -0500 (CDT)
Received: by lub21.onramp.net with Microsoft Mail id <01BB6778.3C358EE0@lub21.onramp.net>; Mon, 1 Jul 1996 18:07:58 -0500
Message-ID: <01BB6778.3C358EE0@lub21.onramp.net>
From: Larry Griffin <largriff@onramp.net>
To: "'aprssig@tapr.org'" <aprssig@tapr.org>
Subject: Re: [APRSSIG:2618] MFJ Data Radio & KPC3
Date: Mon, 1 Jul 1996 18:07:33 -0500
Encoding: 15 TEXT

Dale, all you have to do is set CD SOFTWARE on the KPC-3.

Larry Griffin - AB5GE

From: Dale Heatherington[SMTP:wa4dsy@wa4dsy.radio.org]
Subject: [APRSSIG:2618] MFJ Data Radio & KPC3

I stupidly attempted to connect an MFJ-8621 data radio to a Kantronics KPC-3. Forget it! The MFJ radio has no squelch and the KPC-3 has a dumb "energy present" carrier detector. The no-signal white noise from the data radio keeps the KPC-3 carrier detector ON all the time.

... unless someone has a fix for this?

From sdimse@bridge.net Mon Jul 01 18:24:34 1996
Received: from relay7.UU.NET (relay7.UU.NET [192.48.96.17]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id SAA24699 for <aprssig@tapr.org>; Mon, 1 Jul 1996 18:24:32 -0500 (CDT)
Received: from bridge.net by relay7.UU.NET with ESMTP (peer crosschecked as: newworld.bridge.net [204.253.4.4]) id QQawnt26451; Mon, 1 Jul 1996 19:24:16 -0400 (EDT)
Received: from [199.174.143.84] (dd01-084.compuserve.com [199.174.143.84]) by bridge.net (8.7.5/8.7.3) with SMTP id TAA01339 for <aprssig@tapr.org>; Mon, 1 Jul 1996 19:21:24 -0400 (EDT)
Message-Id: <199607012321.TAA01339@bridge.net>
Subject: Re: [APRSSIG:2626] Re: Aligator
Date: Mon, 1 Jul 96 19:24:13 -0400
x-sender: sdimse@mail.bridge.net
x-mailer: Claris EMailer 1.1
From: Steve Dimse <sdimse@bridge.net>
To: <aprssig@tapr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

>BTW, no one did plot the location of the crash. I havent seen it on the map >here since it happened....

Not true. Someone (I think N2CZF, if not forgive me) did plot it when it first happened. I woke up (I work nights) and flipped on the computer screen to see what was on APRS, saw the posit and then turned on the TV to see what had happened. APRS, a great way to keep informed of current events!

Steve, K04HD

From wa4dsy@wa4dsy.radio.org Mon Jul 01 18:40:39 1996
Received: from smtp-gw01.ny.us.ibm.net (smtp-gw01.ny.us.ibm.net [165.87.194.252]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id SAA25700 for <aprssig@tapr.org>; Mon, 1 Jul 1996 18:40:37 -0500 (CDT)
Received: (from uucp@localhost) by smtp-gw01.ny.us.ibm.net (8.6.9/8.6.9) id XAA80060 for <aprssig@tapr.org>; Mon, 1 Jul 1996 23:40:34 GMT
Message-Id: <199607012340.XAA80060@smtp-gw01.ny.us.ibm.net>
Received: from wa4dsy-1.wa4dsy.radio.org(206.28.196.146) by smtp-gw01.ny.us.ibm.net via smap (V1.3mjr)

id smaHq8Dmb; Mon Jul 1 23:40:28 1996
Date: Mon, 01 Jul 96 19:40:28 EDT
From: wa4dsy@wa4dsy.radio.org (Dale Heatherington)
Reply-To: wa4dsy@wa4dsy.radio.org (Dale Heatherington)
To: aprssig@tapr.org
X-Mailer: Dale Heatherington's PMMail v1.1
Subject: Re: [APRSSIG:2626] Re: Aligator

On Mon, 1 Jul 1996 17:20:22 -0500 (CDT) you wrote:

>In a message dated 96-07-01 14:55:49 EDT, you write:
>
>>
>>jim kerns wrote:
>>>
>>> >* break * *break * *break* the war "air" around here.
>>> >
>>> >I'm sure the Florida APRS users plotted the ValuJet crash.....
>>> >well, did you here the two aligators talking?
>>> >
>
>Really !!
>Ive really pissed off some people in my life (ask any HAM in South Florida)
> but a joke like that on an open forum is not too smart....

Funny thing, the human mind. If you read the joke literally there is absolutely nothing to be upset about. Gators dining on the contents of scattered airline food trays in a swamp isn't too disgusting (although the airline food *is*). Some readers of the joke created a morbid image in their own mind about what was meant by the term "airline food" and cried "bad taste" . Well, I agree. Airline food does taste bad. ;-)

Now, if those who created this morbid image in their own minds had simply remained quiet on the side lines instead of generating a reply which *QUOTED THE (alleged) OFFENSIVE JOKE* this thread would be dead by now.

From khufford@erols.com Mon Jul 01 20:16:29 1996
Received: from smtp1.erols.com (root@smtp1.erols.com [205.252.116.101]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id UAA29894 for <aprssig@tapr.org>; Mon, 1 Jul 1996 20:16:28 -0500 (CDT)
Received: from khufford.erols.com (man-as5s36.erols.com [207.96.1.36]) by smtp1.erols.com (8.7.4/8.6.5) with SMTP id VAA19506 for <aprssig@tapr.org>; Mon, 1 Jul 1996 21:16:26 -0400 (EDT)
Message-Id: <199607020116.VAA19506@smtp1.erols.com>
X-Sender: khufford@pop.erols.com
X-Mailer: Windows Eudora Light Version 1.5.2

Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Mon, 01 Jul 1996 21:16:29 -0400
To: aprssig@tapr.org
From: Kent V Hufford <khufford@erols.com>
Subject: winAPRS 1.1 Airports?

I just downloaded waprsl10.zip, unzipped it, got it working.

Still no support for HSP... coming..

Does address the correct VHF port when you open the converse mode.

Tried running the airports list. NO list. Did I miss something?

Still NO help file inside winAPRS.

Does it support the dfJR correctly yet? ... to include the dual port adaptor? HSP?

thanks,

Kent

KQ4KK

From bruninga@nadm.navy.mil Mon Jul 01 21:16:04 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id VAA02244 for <aprssig@tapr.org>; Mon, 1 Jul 1996 21:16:01 -0500 (CDT)
Received: (from bruninga@localhost) by arctic.nadm.navy.mil (8.6.12/8.6.12) id WAA06645; Mon, 1 Jul 1996 22:17:00 -0400
Date: Mon, 1 Jul 1996 22:16:59 -0400 (EDT)
From: Bob Bruninga <bruninga@nadm.navy.mil>
To: aprssig@tapr.org
Subject: APRS Sarex Report (9)
Message-ID: <Pine.SUN.3.91.960701221540.6581C-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Random (not shcools) SAREX activity is still tracking about 60% of USA passes and has been active every day for 12 days except for the 22nd. There have been 15 voice passes and 16 packet robot passes so far. There have been 19 passes with no activity (not counting the 5 on 22nd), but many of these could be SCHOOL passes.

DAY	EDT	ZULU	COMMENTS
21	1745	2145z	Voice K04HD Fl Keys
21		2238z	Voice WB6LLO San Diego, and W5GEL Texas
22	0915	1315z	through 1400 on 23 June nothing heard on 9 passes
23	1535	1935z	voice heard in S. Fla
23		2110z	Voice heard in Calif

24 0740 1140z nothing heard on next 4 passes
 24 1355 1755z voice reported in Texas END FIELD DAT
 24 1530 1930z nothing heard on next 3 passes
 25 1045 1445z I missed the pass (Any reports of activity?)
 25 1230 1620z Voice over usa. They said Packet soon!
 25 1400 1750z Voice over USA
 26 0730 1130z Packet reported fm Alabama
 26 0904 1304z Packet reported in Houston & East. QS0#'s 104 to 130
 1313? K1HJC>FN43HB,W5RRR-1*>APRS 0.5 on line *** First POSIT
 1010 1610z packets. QS0#'s 141
 26 1356 1756z packets over USA QS0#'s 214
 26 1500 1900z ? (I missed it. Anyone else have a report?)
 27 0725 1125z nothing heard this pass and the 0900 EDT pass
 27 1035 1435z voice heard on this and 1610z, and 1745z passes
 27 1510 1910z ? (i missed it. Anyone else have a report?)
 28 0725 1125z 22 packets copied in Maryland
 28 0900 1300z 27 pkts reported in TX and AL by KB0UZQ and KE4EER
 28 1036 1436z voice heard
 28 1915z packets heard in Calif. WB6LLO "success"
 29 0730 1130z voice heard
 29 0900 1300z nothing heard
 29 1027 1427z QS0#586. KE6AFE Posit reported? (someone send me a copy)
 1433z WB4LTF>EL98IP,W5RRR-1*:Orlando FL
 1436z N8DEU>EM64QS,W5RRR-1*:[GS]Tim at Huntsville, AL (TNC only)
 29 1346 1746z Voice reported in FL
 29 1911z WB6LLO APRS success reported in Calif? (Anyone see it?)
 1920z Voice reported in Honduras
 30 0545 0945z QS0#672. KE4EER>EM64SX,W5RRR-1*:Bill, Hazel Green AL V7.6e
 30 0720 1120z QS0#729.
 30 0850 1250z 9 weak pkts heard in MD. Weak pkts hrd in SoCAL
 30 1023 1423z nothing heard in SoCAL
 30 1157 1557z voice on west coast and in AL
 30 1732z nothing heard in Calif
 30 1906z WB6LLO gets "CONGRATS"
 01 0405 0805z Strong voice reported
 01 0540 0950z KE4EER reports strong voice in AL
 01 0720 1120z Voice heard in MD
 01 0850 1250z nothing (someone reported weak packet?)
 01 1025 1425z nothing. Weak pkts then voice reported in Salt Lake City
 01 1200 1600z nothing

Still need someone who saw WB6LLO and KB0UZQ APRS packets.

I still have three passes unaccounted for.. If you have raw data to fill in or correct entries above, please send them to me. I would also like to get the QS0#'s for every packet pass.

de wb4apr@amsat.org

From bruninga@nadm.navy.mil Mon Jul 01 21:17:59 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id VAA02362 for <aprssig@tapr.org>; Mon, 1 Jul 1996 21:17:57 -0500 (CDT)
Received: (from bruninga@localhost) by arctic.nadm.navy.mil (8.6.12/8.6.12) id WAA06665; Mon, 1 Jul 1996 22:18:56 -0400
Date: Mon, 1 Jul 1996 22:18:56 -0400 (EDT)
From: Bob Bruninga <bruninga@nadm.navy.mil>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:2618] MFJ Data Radio & KPC3
In-Reply-To: <199607012100.VAA13864@smtp-gw01.ny.us.ibm.net>
Message-ID: <Pine.SUN.3.91.960701221819.6581D-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 1 Jul 1996, Dale Heatherington wrote:

> I stupidly attempted to connect an MFJ-8621 data radio
> to a Kantronics KPC-3. Forget it! The MFJ radio
> has no squelch and the KPC-3 has a dumb "energy present"
> carrier detector. The no-signal white noise from the
> data radio keeps the KPC-3 carrier detector ON all the time.

APRSDos REPLY COMMENT: Simply set CD SOFTWARE and it will work perfectly

de wb4apr@amsat.org

From amirault@laraby.tiac.net Mon Jul 01 22:13:36 1996
Received: from laraby.tiac.net (root@laraby.tiac.net [199.0.65.80]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id WAA04811 for <aprssig@tapr.org>; Mon, 1 Jul 1996 22:11:10 -0500 (CDT)
Received: (from amirault@localhost) by laraby.tiac.net (8.6.9/8.6.6.Beta9) id XAA11702; Mon, 1 Jul 1996 23:10:58 -0400
Date: Mon, 1 Jul 1996 23:10:57 -0400 (EDT)
From: Richard Amirault <amirault@laraby.tiac.net>
To: aprssig@tapr.org

Subject: Re: [APRSSIG:2599] SAREX
In-Reply-To: <31D7CB69.844@slkc.uswest.net>
Message-ID: <Pine.BSF.3.91.960701230857.10798E-100000@laraby.tiac.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 1 Jul 1996, Doug Wetzel wrote:

> 145.555/144.485 approaching and 145.455/144.495 receding, right?

This is confusing....is this correct information? And, If we must leave our station unattended, what is suggested?

Richard Amirault N1JDU Boston, Massachusetts USA
amirault@tiac.net "Go Fly A Kite"

From dkaszubski@why.net Mon Jul 01 22:22:51 1996
Received: from where.why.net (why.net [205.240.252.21]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id WAA05329 for <aprssig@tapr.org>; Mon, 1 Jul 1996
22:22:50 -0500 (CDT)
Received: from tower168.why.net ([206.160.169.158]) by where.why.net
(post.office MTA v1.9.3 ID# 0-11525) with SMTP id AAA347
for <aprssig@tapr.org>; Mon, 1 Jul 1996 22:22:13 -0500
Message-ID: <31D8B1AF.3DC1@why.net>
Date: Mon, 01 Jul 1996 22:20:47 -0700
From: dkaszubski@why.net (dkaszubski)
Organization: The Why? Network
X-Mailer: Mozilla 2.02 (Win95; I; 16bit)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:2595] Re: Maridian XL
References: <31D7DAAE.16E2@jericho.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Rick O'Hearn wrote:

>
> Hi all,
> I have my eye on a Meridian XL for \$289.... Wondering if anyone
> has any opinions about how well it will interface with aprs and if
> anyone has checked it out as far as how well it tracks.
>
> Thanks all,
> rick_o@jericho.com
> Rick O'Hearn
> KF4CDO
> 36'46"N76'06"W
> At first glance, the Meridian XL seems to be a better buy until you try
to use it as a handheld GPS receiver. I originally purchased one from
West Marine in Dallas after the sales pitch and used it on the way home
in my truck. The receiver works well, acquiring initial lock in about 10
minutes out of the box. A Garmin took almost 20 minutes in the
same parking lot. Set-up is easy with the menus and scroll buttons.

Output is NMEA standard and can be configured for 9600 baud. No problems were encountered interfacing to my KPC-3 for standalone tracker. Not until later did I notice the rapid battery consumption.

6 hours with fresh alkalines was the max, forget ni-cads! Sure, you could use the supplied power/data cable in a vehicle, it works very well and is routed out the side of the case, unlike the rear blob mount on a Garmin 45. Also, on the road I noticed a lag in my displayed location and speed, up to several minutes and miles per hour. External amplified antennas provided no help. The single biggest drawback is the display. Large numbers and configurable display but poor contrast and lighting, even with adjustments. You must also look straight at it due to distortion caused by the curved faceplate. Side by side comparison with a Garmin 45 told me I had made the wrong choice. Good thing WEST has a no-questions asked return policy for 30 days. The Garmin is a much better unit in my opinion, even though it doesn't include the power/data cable. You get what you pay for in this case.

btw: My first Garmin 45 was not without it's share of problems! The internal regulator was bad since running it on 12 volts caused it to get very hot and blew up one set of internal batteries! The second one continues to work very well, even the display doesn't go black sitting in the car in the hot Texas sun. THE Magellan always required a long cool down period before I could see anything.

Just my opinion, there is no comparison!

> > > >> Just to let everyone know... this weekend on, Garmin GPS 45's for sale
> > > >> for \$240 at boat US... \$230 if you are a member and got the flyer in the mail

Wish they would have done this a few months ago! Still no regrets...

Dave Kaszubski WB3FYV
also: ustuia6v@ibmmail.com
Benbrook, Texas
N 32 40.319' W 097 26.844'

President of the Texas Utilities Amateur Radio Club,
Comanche Peak Chapter
Affiliated with RACES, ARES, TAPR, ARRL, SWOT, TPRS, Texas VHF FM Society
Still experimenting with APRS...

From amirault@laraby.tiac.net Mon Jul 01 22:32:55 1996
Received: from laraby.tiac.net (root@laraby.tiac.net [199.0.65.80]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id WAA05683 for <aprssig@tapr.org>; Mon, 1 Jul 1996 22:32:48 -0500 (CDT)
Received: (from amirault@localhost) by laraby.tiac.net (8.6.9/8.6.6.Beta9) id XAA12200; Mon, 1 Jul 1996 23:32:37 -0400
Date: Mon, 1 Jul 1996 23:32:37 -0400 (EDT)
From: Richard Amirault <amirault@laraby.tiac.net>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:2603] Re: Repeater locations
In-Reply-To: <199607011535.KAA03894@crasher2.ttgcitn.com>

Message-ID: <Pine.BSF.3.91.960701232834.10798H-100000@laraby.tiac.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 1 Jul 1996, Ryan Tucker wrote:

(snip)

> No problem. I think it brought up a very valid topic -- since APRS is quite
> exact, and it's the least expensive tool of its kind, it has great potential
> for stuff like that.

"quite exact" No I don't think so.

GPS is quite exact (debatable) but GPS is **not** APRS.
If APRS is quite exact, why does Bob warn us on the intro screen
NOT TO BE USED FOR NAVAGATION?

Richard Amirault N1JDU Boston, Massachusetts USA
amirault@tiac.net "Go Fly A Kite"

From amirault@laraby.tiac.net Mon Jul 01 22:42:46 1996
Received: from laraby.tiac.net (root@laraby.tiac.net [199.0.65.80]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id WAA06227 for <aprssig@tapr.org>; Mon, 1 Jul 1996
22:41:59 -0500 (CDT)
Received: (from amirault@localhost) by laraby.tiac.net (8.6.9/8.6.6.Beta9) id
XAA12411; Mon, 1 Jul 1996 23:41:49 -0400
Date: Mon, 1 Jul 1996 23:41:49 -0400 (EDT)
From: Richard Amirault <amirault@laraby.tiac.net>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:2607] Re: Repeater locations
In-Reply-To: <Pine.SUN.3.91.960701122723.3457J-100000@arctic>
Message-ID: <Pine.BSF.3.91.960701233939.10798J-100000@laraby.tiac.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 1 Jul 1996, Bob Bruninga wrote:

>
> APRSdos REPLY COMMENT: I though I posted a response that announced the
> next version of APRS **CAN** maintain position ambiguity. Just use the
> "SPACE" character instead of a numeral in the APRS posit format. Then
> APRS will NOT display the object below a certain display scale:
>
> 3958.11N Exact location
> 3958.1 N Will not display below 8 miles
> 3958 N Will not display below 128 miles.
> 39 N Will not display below 512 miles.

Ok, but what will **older** versions do when they see this? Not **everyone**
jumps on the latest version as soon as it is released.

Richard Amirault N1JDU Boston, Massachusetts USA
amirault@tiac.net "Go Fly A Kite"

From ke4eer@worldnet.att.net Mon Jul 01 23:32:06 1996
Received: from mailhost.worldnet.att.net (mailhost.worldnet.att.net [204.127.129.4]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id XAA08572 for <aprssig@tapr.org>; Mon, 1 Jul 1996 23:32:05 -0500 (CDT)
Received: by mailhost.worldnet.att.net (SMI-8.6/SMI-SVR4) id EAA05187; Tue, 2 Jul 1996 04:31:32 GMT
Received: from 133.bridgeton-3.mo.dial-access.att.net(199.69.38.133) by mailhost.worldnet.att.net with SMTP id A5128; Tue Jul 2 04:31:28 1996
Message-ID: <31D8C232.7157@worldnet.att.net>
Date: Mon, 01 Jul 1996 23:31:14 -0700
From: William Nolle <ke4eer@worldnet.att.net>
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:2637] APRS Sarex Report (9)
References: <Pine.SUN.3.91.960701221540.6581C-100000@arctic>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bob Bruninga wrote:

>
> Random (not shcools) SAREX activity is still tracking about 60%
> of USA passes and has been active every day for 12 days except for the
> 22nd. There have been 15 voice passes and 16 packet robot passes so far.
> There have been 19 passes with no activity (not counting the 5 on 22nd),
> but many of these could be SCHOOL passes.
>
> DAY EDT ZULU COMMENTS
> -----
> 30 0545 0945z QS0#672. KE4EER>EM64SX,W5RRR-1*:Bill, Hazel Green AL V7.6e
>
> de wb4apr@amsat.org

Well i didn't even know i finally made it the RIGHT way Hi Hi.

--
Bill WA8INZ
ke4eer@worldnet.att.net
ke4eer@amsat.org

From rtucker@moocow1.ttgciitn.com Mon Jul 01 23:45:27 1996
Received: from insosf1.netins.net (ttgciitn@insosf1.netins.net [167.142.225.5]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id XAA10536 for <aprssig@tapr.org>; Mon, 1 Jul 1996 23:45:26 -0500 (CDT)
Received: (from ttgciitn@localhost) by insosf1.netins.net id XAA26266 for aprssig@tapr.org; Mon, 1 Jul 1996 23:45:24 -0500 (CDT)
X-Authentication-Warning: insosf1.netins.net: ttgciitn set sender to rtucker@moocow1.ttgciitn.com using -f
Received: from moocow1.ttgciitn.com (moocow1.ttgciitn.com [10.42.1.3]) by crasher2.ttgciitn.com (8.7.5/960507.rtucker) with SMTP id XAA07187; Mon, 1 Jul 1996 23:38:30 -0500

Date: Mon, 1 Jul 1996 23:38:30 -0500
Message-Id: <199607020438.XAA07187@crasher2.ttgcihn.com>
X-Sender: rtucker@crasher2
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: Ryan Tucker <rtucker@moocow1.ttgcihn.com>
Subject: Re: [APRSSIG:2641] Re: Repeater locations
Cc: aprssig@tapr.org

At 10:46 PM 7/1/96 -0500, Richard Amirault wrote:
>"quite exact" No I don't think so.
>
>GPS is quite exact (debatable) but GPS is *not* APRS.

It's a quite exact interface to GPS.

>If APRS is quite exact, why does Bob warn us on the intro screen
>NOT TO BE USED FOR NAVIGATION?

It reserves the right to be not quite exact without warning. Also, it's probably to release Bob from legal liability should someone navigate themselves off of a missing bridge using APRS. Oh well... now accepting nominations for the 1997 Darwin Award. -rt

--
#!/usr/bin/perl
Ryan Tucker <rtucker@ttgcihn.com> - President, TTGCITN Communications
A famous Canadian is concerned for my mental well-being. Why?
print "You will be Enlightened.";exec("lynx http://www.ttgcihn.com");

From steve@muskoka.com Tue Jul 02 00:06:46 1996
Received: from gold.muskoka.com (root@gold.muskoka.com [204.101.78.5]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id AAA14406 for <aprssig@tapr.org>; Tue, 2 Jul 1996 00:06:41 -0500 (CDT)
Received: from Psteve.muskoka.com (ppp22.muskoka.com [204.101.78.52]) by gold.muskoka.com (8.6.12/8.6.9) with SMTP id BAA26489 for <aprssig@tapr.org>; Tue, 2 Jul 1996 01:39:13 -0400
Message-Id: <1.5.4.32.19960702050635.00665478@muskoka.com>
X-Sender: steve@muskoka.com (Unverified)
X-Mailer: Windows Eudora Light Version 1.5.4 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Tue, 02 Jul 1996 01:06:35 -0400
To: aprssig@tapr.org
From: steve <steve@muskoka.com>
Subject: Re: [APRSSIG:2636] winAPRS 1.1 Airports?

At 20:28 7/1/96 -0500, you wrote:
> I just downloaded wapr110.zip, unzipped it, got it working.
>
> Still no support for HSP... coming..

>
> Does address the correct VHF port when you open the converse mode.
>
> Tried running the airports list. NO list. Did I miss something?
>
> Still NO help file inside winAPRS.
>
> Does is support the dfJR correctly yet? ... to include the dual port
> adaptor? HSP?
>
> thanks,
>
> Kent
>
> KQ4KK
>
>
Hello everyone,

As Kent has mentioned I too found the same thing when I unzipped the
Waprs110.zip.
However it just came to me that when I unzipped the new waprs I forgot to
put in the -d switch to create a directory. In there you will find the
labels directory. I assume that the airport list will follow. Once you load
the new waprs bring up the N.J map and you will see all of the exits marked
along the turnpike...

I will have to send Mark a note now if he does not see this , and appologize
for not taking the time to think..

Chow.....
Steve Dubois VA3HOI
CANWARN SPOTTER
APARS & WINAPRS
Int: steve@muskoka.com

From kc5ejk@onramp.net Tue Jul 02 00:47:17 1996
Received: from mailhost.onramp.net (mailhost.onramp.net [199.1.11.3]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id AAA18329 for <aprssig@tapr.org>; Tue, 2 Jul 1996
00:47:16 -0500 (CDT)
Received: from [199.1.11.110] (dal10.onramp.net [199.1.11.110]) by
mailhost.onramp.net (8.7.3/8.6.5) with SMTP id AAA26890 for <aprssig@tapr.org>;
Tue, 2 Jul 1996 00:47:12 -0500 (CDT)
Message-Id: <v02130502adfe646e4736@[199.1.11.110]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Tue, 2 Jul 1996 00:47:15 -0500
To: aprssig@tapr.org
From: kc5ejk@onramp.net (Robert Winingham)
Subject: Re: [APRSSIG:2639] Re: SAREX

>On Mon, 1 Jul 1996, Doug Wetzel wrote:
>

>> 145.555/144.485 approaching and 145.455/144.495 receding, right?
>
>This is confusing....is this correct information? And, If we must leave our
>station unattended, what is suggested?
>
>Richard Amirault N1JDU Boston, Massachusetts USA
>amirault@tiac.net "Go Fly A Kite"

If you are confused then take a walk to the nearest train tracks
and listen as a train passes.** This works better than talking about
the "Red Shift"

For a Unattended stations generally better to just leave a midpoint
145.55 and 144.490

BUT this flight due to the Micro-gravity lab, the shuttle is not in the
usually attitude and people have reported the the signal level is better
after the shuttle passes . So xmit on 144,493,500 Hz.

The shuttle antenna is not like the MIR external antenna but is a loop type
placed in a window to earth side (Velcro or duct tape I guess).

-- Gerald Creager can jump in here now as that's all I know about it ---

73

PS ** Don't stand ON the tracks :-)

Bob - Dallas,TX --- kc5ejk@onramp.net or kc5ejk@amsat.org ---

From amartin@world2u.com Tue Jul 02 01:22:03 1996
Received: from ants3.world2u.com (root@ants3.world2u.com [204.141.123.3]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id BAA20429 for <aprssig@tapr.org>; Tue, 2
Jul 1996 01:21:59 -0500 (CDT)
Received: from LOCALNAME (I123.249.world2u.com [204.141.123.249]) by
ants3.world2u.com (8.7.4/8.7.3) with SMTP id CAA25597; Tue, 2 Jul 1996 02:15:26
-0400 (EDT)
Date: Tue, 2 Jul 1996 02:15:26 -0400 (EDT)
Message-Id: <199607020615.CAA25597@ants3.world2u.com>
X-Sender: amartin@mail.world2u.com
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: multipart/mixed; boundary="====_836299203==_"
To: aprssig@tapr.org
From: "Arthur J. Martin" <amartin@world2u.com>
Subject: STS-78 Element Set: 180
Cc: wb4apr@amsat.org
X-Attachments: C:\NETSCAPE\DOWNLOAD\SHUTTLE.HTM;

--=====836299203==_
Content-Type: text/plain; charset="us-ascii"

I haven't seen an orbital update recently, but it is attached. Please let me know if anyone has difficulties processing the attachment. If so, I'll try to get it into the body of the message.

73 de Art
=====

--=====836299203==_
Content-Type: text/plain; charset="us-ascii"
Content-Disposition: attachment; filename="SHUTTLE.HTM"

```
<HTML>
<HEAD><TITLE>NASA Shuttle Web: Shuttle State Vectors</TITLE></HEAD>
<BODY BGCOLOR="#ffffff">
<p align=center><font size="+1"><A HREF="/sts-78/">NASA Shuttle
Web</A></font>
<pre>
```

STS-78 STATE VECTOR

The following on-orbit vector is provided by NASA Johnson Space Center Flight Design and Dynamics Division for use in ground track plotting programs. It should not be used for precise applications or analysis!

Please direct any comments to:
DM42/ Head, Orbit Flight Dynamics Group at email:
don.j.pearson1@jsc.nasa.gov

Data were generated using application SPCM V2.1

Vehicle = Columbia

Lift off time (UTC) : 1996/172:14:48:59.9840

Vector time (UTC) : 1996/183:17: 0: .0000
Vector time (MET) : + 11: 2:11: .0160
Orbit : 179
Weight (lbs) : 240987.00
Area (sq ft) : 5900.00
Drag Coefficient (Cd) : 2.00
90 day mean solar flux (janski) : 70.00

12 month mean earth geomagnetic index : 2.05

This vector is valid for prediction purposes until 186: 0: 0: .0 UTC

M50 Cartesian	M50 Keplerian
-----	-----
X = 2979157.77	A = 6649516.55 meter
Y = -5929867.30 meter	E = .0018768
Z = 142831.42	I = 38.80189
XDOT = 5353.374912	Wp = 20.81680
YDOT = 2811.779349 meter/sec	RA = 295.14104 deg
ZDOT = 4857.256615	TA = 341.15110
	MA = 341.22049
	Ha = 153.262 n.mi
	Hp = 139.785

M50 Cartesian	J2K Cartesian
-----	-----
X = 9774139.67	X = 3044532.04
Y = -19454945.21 feet	Y = -5896196.82 meter
Z = 468607.02	Z = 157466.52
XDOT = 17563.565984	XDOT = 5297.943063
YDOT = 9224.997864 feet/sec	YDOT = 2871.316762 meter/sec
ZDOT = 15935.881283	ZDOT = 4883.134980

M50 = Inertial mean of year 1950 frame of reference
Epoch = beginning of Besselian year 1950
X axis = mean vernal equinox of epoch
Z axis = earth mean rotation axis of epoch
Y axis = completes right handed cartesian earth centered system

J2K = Inertial mean of year 2000 frame of reference
Epoch = Julian date 2451545.0 TDT
X axis = mean vernal equinox of epoch
Z axis = earth mean rotation axis of epoch
Y axis = completes right handed cartesian earth centered system

The mean element set is posted at a UTC for which position is just north of the next ascending node relative to the above vector time

USSPACECOM TWO LINE MEAN ELEMENT SET

Columbia

STS-78

```
1 23931U 96036A   96183.77023396   .00231043   00000-0   35755-3   0   9144
2 23931   39.0142 295.1772 0006593 352.4837   7.6042 16.03523867 1806
```

Satellite: STS-78

Catalog number: 23931

Epoch time: 96183.77023396 = yrday.fracday

Element set: 914

Inclination: 39.0142 deg

RA of node: 295.1772 deg

Eccentricity: .0006593

Arg of perigee: 352.4837 deg

Mean anomaly: 7.6042 deg

Mean motion: 16.03523867 rev/day

Decay rate: 2.31043E-03 rev/day^2

Epoch rev: 180

Checksum: 307

</pre>

</BODY>

</HTML>

--=====836299203==_

Content-Type: text/plain; charset="us-ascii"

From: Arthur J. Martin

TEL: +908+876+3189

Inet: amartin@world2u.com

AX.25: N2QAE@N2QAE.#NNJ.NJ.USA.NA

--=====836299203==_--

From ke4eer@worldnet.att.net Tue Jul 02 02:18:32 1996

Received: from mailhost.worldnet.att.net (mailhost.worldnet.att.net
[204.127.129.3]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id CAA22697 for
<aprssig@tapr.org>; Tue, 2 Jul 1996 02:18:30 -0500 (CDT)

Received: by mailhost.worldnet.att.net (SMI-8.6/SMI-SVR4)

id HAA26348; Tue, 2 Jul 1996 07:17:58 GMT

Received: from 11.middletown-57.va.dial-access.att.net(207.116.6.11)

by mailhost.worldnet.att.net with SMTP

id A26317; Tue Jul 2 07:17:42 1996

Message-ID: <31D8E92A.7425@worldnet.att.net>

Date: Tue, 02 Jul 1996 02:17:30 -0700

From: William Nolle <ke4eer@worldnet.att.net>

X-Mailer: Mozilla 2.01 (Win16; U)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: DFjr
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

For those of you who either own or are planning to buy a DFjr, I have uploaded two files called dfjr.zip and dfjr.txt to tapr in the upload directory. this is two PCX files of the front and back of a quick reference card that i made for my sunvisor in my pickup. Joe has one included in his DFjr package but it's so small i couldn't read it. If those of you who cannot print or resize a PCX file let me know and i can do other formats also.

--

Bill WA8INZ
ke4eer@worldnet.att.net
ke4eer@amsat.org

From dwetzel@slkc.uswest.net Tue Jul 02 07:18:19 1996
Received: from slkc1.slk.uswest.net (slkc1.slk.uswest.net [206.81.128.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id HAA00496 for <aprssig@tapr.org>; Tue, 2 Jul 1996 07:18:18 -0500 (CDT)
Received: from 70571,3005.compuserve.com (dialup26.slk.uswest.net [206.81.128.35]) by slkc1.slk.uswest.net (8.6.12/8.6.12) with SMTP id GAA11519 for <aprssig@tapr.org>; Tue, 2 Jul 1996 06:18:16 -0600
Message-ID: <31D91388.41A1@slkc.uswest.net>
Date: Tue, 02 Jul 1996 06:18:16 -0600
From: Doug Wetzel <dwetzel@slkc.uswest.net>
X-Mailer: Mozilla 2.01 (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: SAREX
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

> 145.555/144.485 approaching and 145.455/144.495 receding, right?

Sorry folks, I fat fingered this -

145.555/144.485 at acquisition and approach
145.550/144.490 at pass midpoint
145.545/144.495 until los

If you are lucky enough to have a discriminator meter in your rx, you can watch the doppler happen - just remember that the downlink starts above center and moves down in frequency during the pass, the uplink starts below center and moves up.

Doug
KC7C0
Radio Free Utah

From ksproul@hardees.rutgers.edu Tue Jul 02 07:19:22 1996
Received: from hardees.rutgers.edu (hardees.rutgers.edu [128.6.18.2]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id HAA00638 for <aprssig@tapr.org>; Tue, 2 Jul 1996

07:19:21 -0500 (CDT)
Received: (from ksproul@localhost) by hardees.rutgers.edu
(8.6.12+bestmx+oldruq+newsunq+grosshack/8.6.12) id IAA09331; Tue, 2 Jul 1996
08:19:20 -0400
Sender: Keith Sproul <ksproul@hardees.rutgers.edu>
Date: Tue, 2 Jul 96 8:19:19 EDT
From: Keith Sproul <ksproul@hardees.rutgers.edu>
Reply-To: Keith Sproul <ksproul@hardees.rutgers.edu>
To: aprssig@tapr.org, steve@muskoka.com
Subject: Airport List
Message-ID: <CMM-RU.1.4.836309959.ksproul@hardees.rutgers.edu>

If you have the CD of maps, there is a file on there called AIRPORT.DAT.

If this file is in the DATA folder, the AIRPORT LIST will work.

This is a feature that has been in MacAPRS since version 1.0, and turns out to be VERY useful. There are also a lot of things, (Both currently implemented, and things to come) that depend on this data base.

(If you don't have the CD, we will be putting the file up on TAPR soon).

Keith Sproul

Keith Sproul	Ham Radio: WU2Z
Student Housing Network Coordinator	ksproul@noc.rutgers.edu
Rutgers University Computing Services	908 445-3695 Work 908 445-2968 Fax
http://www-ns.rutgers.edu/~ksproul/	908 821-4828 Home

From dwetzel@slkc.uswest.net Tue Jul 02 07:48:18 1996
Received: from slkc1.slk.uswest.net (slkc1.slk.uswest.net [206.81.128.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id HAA01708 for <aprssig@tapr.org>; Tue, 2 Jul 1996 07:48:17 -0500 (CDT)
Received: from 70571,3005.compuserve.com (dialup26.slk.uswest.net [206.81.128.35]) by slkc1.slk.uswest.net (8.6.12/8.6.12) with SMTP id GAA11644 for <aprssig@tapr.org>; Tue, 2 Jul 1996 06:48:15 -0600
Message-ID: <31D91A8F.34C1@slkc.uswest.net>
Date: Tue, 02 Jul 1996 06:48:15 -0600
From: Doug Wetzel <dwetzel@slkc.uswest.net>
X-Mailer: Mozilla 2.01 (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: SAREX
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

021242Z Pass in Salt Lake City
No packets, no voice heard from Columbia

Doug
KC7CO

From bruninga@nadm.navy.mil Tue Jul 02 08:16:25 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id IAA02634 for <aprssig@tapr.org>; Tue, 2 Jul 1996 08:16:23 -0500 (CDT)
Received: (from bruninga@localhost) by arctic.nadm.navy.mil (8.6.12/8.6.12) id JAA26010; Tue, 2 Jul 1996 09:17:22 -0400
Date: Tue, 2 Jul 1996 09:17:22 -0400 (EDT)
From: Bob Bruninga <bruninga@nadm.navy.mil>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:2642] Re: Repeater locations
In-Reply-To: <Pine.BSF.3.91.960701233939.10798J-100000@laraby.tiac.net>
Message-ID: <Pine.SUN.3.91.960702091400.25275D-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 1 Jul 1996, Richard Amirault wrote:

> > APRSdos COMMENT: next version of APRS can maintain position ambiguity.
> > Just use the "SPACE" character in the APRS posit format. Then
> > APRS will NOT display the object below a certain display scale:
> >
> > 3958.1 N Will not display below 8 miles
> > 3958 N Will not display below 128 miles.
> > 39 N Will not display below 512 miles.
>
> Ok, but what will *older* versions do when they see this?

APRSdos REPLY COMMENT: They will plot it at exactly the location assuming 00's where the spaces are. These exact locations will NOT be where the object is unless the object is actually at 00.

de wb4apr@amsat.org

From AC6JA@aol.com Tue Jul 02 08:22:30 1996
Received: from emout18.mail.aol.com (emout18.mx.aol.com [198.81.11.44]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id IAA02943 for <aprssig@tapr.org>; Tue, 2 Jul 1996 08:22:29 -0500 (CDT)
From: AC6JA@aol.com
Received: by emout18.mail.aol.com (8.6.12/8.6.12) id JAA21892 for aprssig@tapr.org; Tue, 2 Jul 1996 09:21:32 -0400
Date: Tue, 2 Jul 1996 09:21:32 -0400
Message-ID: <960702092130_229463503@emout18.mail.aol.com>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:2618] MFJ Data Radio & KPC3

you can switch the kpc-3 to use data carrier detect by changing the cd command from the default of "internal" to "software". that's all there is to it! now the kpc-3 can be attached to an open squelched rig and will only respond to digital signals, a much better way to go anyways.
good luck!

From n2iph@cyberenet.net Tue Jul 02 08:31:06 1996

Received: from admin.cyberenet.net (admin.cyberenet.net [204.213.252.6]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id IAA03115 for <aprssig@tapr.org>; Tue, 2 Jul 1996 08:31:04 -0500 (CDT)

Received: from ux1.cyberenet.net by admin.cyberenet.net with smtp (Smail3.1.29.1 #7) id m0ub5Xf-000C23C; Tue, 2 Jul 96 09:30 EDT

Received: from n2iph.ppp.cyberenet.net.cyberenet.net by ux1.cyberenet.net with smtp

(Smail3.1.29.1 #8) id m0ub5Xd-0000A5C; Tue, 2 Jul 96 09:30 EDT

Message-ID: <31D924F9.5F19@cyberenet.net>

Date: Tue, 02 Jul 1996 09:32:41 -0400

From: Bob Derderian <n2iph@cyberenet.net>

Reply-To: n2iph@cyberenet.net

Organization: I&C

X-Mailer: Mozilla 3.0b4Gold (Win95; I)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: Re: [APRSSIG:2637] APRS Sarex Report (9)

References: <Pine.SUN.3.91.960701221540.6581C-100000@arctic>

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

APR wrote:

01 0405 0805z Strong voice reported
01 0540 0950z KE4EER reports strong voice in AL
01 0720 1120z Voice heard in MD
01 0850 1250z nothing (someone reported weak packet?)
01 1025 1425z nothing. Weak pkts then voice reported in Salt Lake City
01 1200 1600z nothing

=== snip ===

I too heard strong voice transmissions on the 0720 pass, but was not able to make contact. Should have jotted down the calls of those who did I guess for verification but didn't think of it at the time.

On the 0850 pass I also heard a couple of packet bursts and thought this was my chance but after those opening packets, nothing heard.

I didn't listen to the later passes 'cause I was asleep (work nights).

Hoping for more activity this week, sure would be nice if they would announce the uplink freq. they are listening on as they fly by, all it takes is "W5RRR listening 95", what's so hard about that?

73...Bob

NNNN

From sproul@ap.org Tue Jul 02 08:35:27 1996

Received: from janus.ap.org (eos.ap.org [165.1.6.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id IAA03535 for <aprssig@tapr.org>; Tue, 2 Jul 1996 08:35:25 -0500 (CDT)

Received: from [165.1.27.20] by janus.ap.org (SMI-8.6/SMI-SVR4)

id JAA08560; Tue, 2 Jul 1996 09:31:40 -0400
X-Sender: sproul@165.1.6.1
Message-Id: <v03007601adfed51cc7cb@[165.1.27.20]>
In-Reply-To: <199607020116.VAA19506@smtp1.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Tue, 2 Jul 1996 09:31:52 -0400
To: aprssig@tapr.org
From: Mark Sproul <sproul@ap.org>
Subject: Re: [APRSSIG:2636] winAPRS 1.1 Airports?

> I just downloaded waprsl10.zip, unzipped it, got it working.
>
> Still no support for HSP... coming..
>
> Does address the correct VHF port when you open the converse mode.
>
> Tried running the airports list. NO list. Did I miss something?
>
> Still NO help file inside winAPRS.
>
> Does is support the dfJR correctly yet? ... to include the dual port
> adaptor? HSP?
>
> thanks,
>
> Kent
>
> KQ4KK

You need to have the AIRPORT.DAT file in a directory called DATA, the file
is on our CD-ROM and up on the FTP sites (I think)

Mark

Mark Sproul	Amateur Radio: KB2ICI
Software Engineer @ Assoc Press	
sproul@ap.org	Work: 609-860-7120
North Brunswick, NJ	Fax: 609-860-7129
http://msproul.rutgers.edu/	

From sproul@ap.org Tue Jul 02 08:35:30 1996
Received: from janus.ap.org (eos.ap.org [165.1.6.1]) by tapr.org (8.7.5/8.7.3/1.9)
with SMTP id IAA03552 for <aprssig@tapr.org>; Tue, 2 Jul 1996 08:35:27 -0500 (CDT)
Received: from [165.1.27.20] by janus.ap.org (SMI-8.6/SMI-SVR4)
id JAA08562; Tue, 2 Jul 1996 09:31:44 -0400
X-Sender: sproul@165.1.6.1
Message-Id: <v03007602adfed6e031fc@[165.1.27.20]>
In-Reply-To: <1.5.4.32.19960702050635.00665478@muskoka.com>

Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Tue, 2 Jul 1996 09:40:21 -0400
To: aprssig@tapr.org
From: Mark Sproul <sproul@ap.org>
Subject: Air port list for WinAPRS

Sorry, I forgot to include the airport data file.

It is now posted on both rutgers and TAPR

Instructions

Download the file

create a directory called DATA, place the AIRPORT.DAT file in that directory and try DISPLAY AIRPORTS and AIRPORT list.

Refer to the web page documentation for the WINDS ALOFT information.

Have fun

Mark

Mark Sproul	Amateur Radio: KB2ICI
Software Engineer @ Assoc Press	
sproul@ap.org	Work: 609-860-7120
North Brunswick, NJ	Fax: 609-860-7129
http://msproul.rutgers.edu/	

From gerry@cs.tamu.edu Tue Jul 02 09:00:54 1996
Received: from cs.tamu.edu (clavin.cs.tamu.edu [128.194.130.106]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id JAA04767 for <aprssig@tapr.org>; Tue, 2 Jul 1996 09:00:53 -0500 (CDT)
Received: from solar.cs.tamu.edu (2961@solar.cs.tamu.edu [128.194.132.1]) by cs.tamu.edu (8.6.10/8.6.4) with ESMTP id JAA19326 for <aprssig@tapr.org>; Tue, 2 Jul 1996 09:00:48 -0500
From: Gerald J Creager <gerry@cs.tamu.edu>
Received: (gerry@localhost) by solar.cs.tamu.edu (8.6.10/8.6.4) id IAA14728 for aprssig@tapr.org; Tue, 2 Jul 1996 08:59:17 -0500
Message-Id: <199607021359.IAA14728@solar.cs.tamu.edu>
Subject: Re: [APRSSIG:2532] Signal level from Shuttle?
To: aprssig@tapr.org
Date: Tue, 2 Jul 1996 08:59:16 -0500 (CDT)
In-Reply-To: <2.2.32.19960629151708.006f68a8@popmail.voicenet.com> from "Ed Troy" at Jun 29, 96 10:30:17 am
X-Mailer: ELM [version 2.4 PL25]

MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

On this mission, the Shuttle's radio is a Motorola HT (MX-300) detuned for EMI/RFI considerations to 2.5 watts. The antenna is a cavity resonator in one of the forward windows, with a pattern that approximates a 1/4 wave groundplane. Mir uses an external 1/4 wave groundplane, and a 10 or 25 watt radio (I'm not sure which radio's primary right now...)

Of these considerations, by far and away the most significant is the antenna orientation and masking. When the Shuttle's antenna favors you, it's full quieting on a handheld. When the Shuttle's antenna is blocked from you, it's pretty slim pickin's.

73, Gerry

From gerry@cs.tamu.edu Tue Jul 02 09:12:00 1996
Received: from cs.tamu.edu (clavin.cs.tamu.edu [128.194.130.106]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id JAA05338 for <aprssig@tapr.org>; Tue, 2 Jul 1996 09:11:58 -0500 (CDT)
Received: from solar.cs.tamu.edu (2961@solar.cs.tamu.edu [128.194.132.1]) by cs.tamu.edu (8.6.10/8.6.4) with ESMTP id JAA19757 for <aprssig@tapr.org>; Tue, 2 Jul 1996 09:11:53 -0500
From: Gerald J Creager <gerry@cs.tamu.edu>
Received: (gerry@localhost) by solar.cs.tamu.edu (8.6.10/8.6.4) id JAA14989 for aprssig@tapr.org; Tue, 2 Jul 1996 09:10:23 -0500
Message-Id: <199607021410.JAA14989@solar.cs.tamu.edu>
Subject: STS-78 element set JSC-912 (29-Jun-96) (fwd)
To: aprssig@tapr.org
Date: Tue, 2 Jul 1996 09:10:23 -0500 (CDT)
X-Mailer: ELM [version 2.4 PL25]
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

> Date: Sat, 29 Jun 1996 19:05:41 -0500
> Subject: STS-78 element set JSC-912 (29-Jun-96)
>
>
>
> STS-78
> 1 23931U 96036A 96181.96411433 .00105182 00000-0 16973-3 0 9129
> 2 23931 39.0113 307.3007 0005684 333.0653 27.0064 16.02876374 1513
>
> Satellite: STS-78
> Catalog number: 23931
> Epoch time: 96181.96411433 = (29-Jun-96 23:08:19.47 UTC)
> Element set: 912
> Inclination: 39.0113 deg
> RA of node: 307.3007 deg
> Eccentricity: .0005684
> Arg of perigee: 333.0653 deg

Space Shuttle Flight STS-78
Keplerian element set JSC-912
from NASA flight Day 10 vector

> Mean anomaly: 27.0064 deg
> Mean motion: 16.02876374 rev/day Gil Carman
> Decay rate: 1.05182e-03 rev/day^2 NASA Johnson Space Center
> Epoch rev: 151
> Checksum: 278
>
>
> Gil Carman
>
>
>

--

Gerry Creager N5JXS * SAREX Co-Investigator
gerry@cs.tamu.edu * A little radio that lets kids talk
* to astronauts, and smile

From gerry@cs.tamu.edu Tue Jul 02 09:16:31 1996
Received: from cs.tamu.edu (clavin.cs.tamu.edu [128.194.130.106]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id JAA05442 for <aprssig@tapr.org>; Tue, 2 Jul 1996
09:16:30 -0500 (CDT)
Received: from solar.cs.tamu.edu (2961@solar.cs.tamu.edu [128.194.132.1]) by
cs.tamu.edu (8.6.10/8.6.4) with ESMTP id JAA19965 for <aprssig@tapr.org>; Tue, 2
Jul 1996 09:16:25 -0500
From: Gerald J Creager <gerry@cs.tamu.edu>
Received: (gerry@localhost) by solar.cs.tamu.edu (8.6.10/8.6.4) id JAA15058 for
aprssig@tapr.org; Tue, 2 Jul 1996 09:14:55 -0500
Message-Id: <199607021414.JAA15058@solar.cs.tamu.edu>
Subject: Texas Maps
To: aprssig@tapr.org
Date: Tue, 2 Jul 1996 09:14:55 -0500 (CDT)
In-Reply-To: <Pine.SUN.3.91.960629224638.23045A-1000000@arctic> from "Bob Bruninga"
at Jun 29, 96 09:55:19 pm
X-Mailer: ELM [version 2.4 PL25]
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

Finally!

I've got an anonymous FTP site available for APRS activities, but primarily
for Texas Map Updates.

<ftp://dillo.tamu.edu/APRS>

Anyone with updates to Texas maps, please post 'em to upload, and send me mail
about it (n5jxs@tamu.edu) so I can check 'em and place them appropriately in
the archive. Anyone wanting the stuff I've done so far, go for it. Mostly
updates to the original maps Bob abd other folk have done, some new ones.

73, gerry

n5jxs@tamu.edu

From dwetzel@uswest.com Tue Jul 02 09:21:03 1996
Received: from slkc1.slkc.uswest.net (slkc1.slkc.uswest.net [206.81.128.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id JAA05826 for <aprssig@tapr.org>; Tue, 2 Jul 1996 09:21:01 -0500 (CDT)
Received: from 70571,3005.compuserve.com (dialup26.slkc.uswest.net [206.81.128.35]) by slkc1.slkc.uswest.net (8.6.12/8.6.12) with SMTP id IAA12161 for <aprssig@tapr.org>; Tue, 2 Jul 1996 08:20:59 -0600
Message-ID: <31D9304C.7DEB@uswest.com>
Date: Tue, 02 Jul 1996 08:21:00 -0600
From: Doug Wetzel <dwetzel@uswest.com>
X-Mailer: Mozilla 2.01 (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: SAREX
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

021413Z Pass

Voice full quieting from Columbia

Doug
KC7C0

From gerry@cs.tamu.edu Tue Jul 02 09:29:48 1996
Received: from cs.tamu.edu (clavin.cs.tamu.edu [128.194.130.106]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id JAA06257 for <aprssig@tapr.org>; Tue, 2 Jul 1996 09:29:47 -0500 (CDT)
Received: from solar.cs.tamu.edu (2961@solar.cs.tamu.edu [128.194.132.1]) by cs.tamu.edu (8.6.10/8.6.4) with ESMTP id JAA20413 for <aprssig@tapr.org>; Tue, 2 Jul 1996 09:29:41 -0500
From: Gerald J Creager <gerry@cs.tamu.edu>
Received: (gerry@localhost) by solar.cs.tamu.edu (8.6.10/8.6.4) id JAA15218 for aprssig@tapr.org; Tue, 2 Jul 1996 09:28:11 -0500
Message-Id: <199607021428.JAA15218@solar.cs.tamu.edu>
Subject: Re: [APRSSIG:2562] STS-78
To: aprssig@tapr.org
Date: Tue, 2 Jul 1996 09:28:11 -0500 (CDT)
In-Reply-To: <31D68484.16C9@worldnet.att.net> from "William Nolle" at Jun 30, 96 06:55:38 am
X-Mailer: ELM [version 2.4 PL25]
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

William Nolle sez:

>
> I got 4 packet beacons the second pass this morning. What i would like
> to know when it tells a user the following.
>
> VE3HIR:#731-IS YOUR STS-78 SAREX QSO NUMBER

> K0UWO:#729-IS YOUR STS-78 SAREX QSO NUMBER
> N1UZN:#732-IS YOUR STS-78 SAREX QSO NUMBER
>
> By the way these are the ones i heard this morning on the second pass.
> Now this is the one that puzzles me.
>
> W5RRR-1>SAREX:#729-IS YOUR STS-78 SAREX QSO NUMBER

It retried out and the TNC was flushing the buffer to the unproto list.
That's all. I do not recall what we set RETRY to but it's about 4, based on
many empirical tests on earlier misions.

From 70511.3107@compuserve.com Tue Jul 02 09:30:29 1996
Received: from cs.tamu.edu (clavin.cs.tamu.edu [128.194.130.106]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id JAA06316 for <aprssig@tapr.org>; Tue, 2 Jul 1996
09:30:21 -0500 (CDT)
Received: from solar.cs.tamu.edu (2961@solar.cs.tamu.edu [128.194.132.1]) by
cs.tamu.edu (8.6.10/8.6.4) with ESMTP id JAA20456 for <aprssig@tapr.org>; Tue, 2
Jul 1996 09:30:14 -0500
Received: (gerry@localhost) by solar.cs.tamu.edu (8.6.10/8.6.4) id JAA15224 for
aprssig@tapr.org; Tue, 2 Jul 1996 09:28:45 -0500
Received: from amsat.org (amsat.org [128.54.16.15]) by cs.tamu.edu (8.6.10/8.6.4)
with ESMTP id JAA08918 for <gerry@cs.tamu.edu>; Sun, 30 Jun 1996 09:16:15 -0500
Received: (daemon@localhost) by amsat.org (8.7.5/8.6.9) id FAA24584 for sarex-
list; Sun, 30 Jun 1996 05:35:49 -0700 (PDT)
Errors-To: owner-sarex@amsat.org
Sender: gerry@cs.tamu.edu
Precedence: List
Received: from none.at.helo (dub-img-1.compuserve.com [149.174.206.131]) by
amsat.org (8.7.5/8.6.9) with SMTP id FAA24574 for <sarex@amsat.org>; Sun, 30 Jun
1996 05:35:48 -0700 (PDT)
Received: by dub-img-1.compuserve.com (8.6.10/5.950515)
id IAA00348; Sun, 30 Jun 1996 08:35:27 -0400
Date: 30 Jun 96 08:32:59 EDT
From: Ken Ernandes <70511.3107@compuserve.com>
To: Shuttle Data List <ststle@spacelink.msfc.nasa.gov>,
cape-canaveral network o <grcc@ams.gsfc.nasa.gov>,
SAREX <sarex@amsat.org>,
Shuttle Vector <shuttle.keps@totrbbs.atl.ga.us>
Subject: STS-78 Rev 159 Orbital Data
Message-ID: <960630123258_70511.3107_IHD50-1@CompuServe.COM>

S T S - 7 8 O R B I T A L D A T A

Below is the current State Vector and Keplerian Elements for STS-78.
The vector data comes from NASA; the orbital parameters were computed
from the vector. Hourly vector updates are available from NASA GSFC
OIG RAID RBBS at (301) 262-6782 or by telnet: oig1.gsfc.nasa.gov
(UserID = oig / Password = goddard1).

Vector format = 117

Satellite Name: STS-78

Catalog Number: 23931 96036A
Epoch Date/Time: 96182.50020601852
06/30/1996 12:00:17.800 UTC
EFG E: 11127723 ft
F: 16719977 ft
G: -8508816 ft
Edot: -19573.47 ft/s
Fdot: 6632.62 ft/s
Gdot: -12550.80 ft/s
ndot/2 (drag): 0.00092026487 rev/day^2
nddt/6: 3.52416E-08 rev/day^3
Bstar: 1.42657E-04 1/Earth Radii
Elset #: 34
Rev @ Epoch: 159.60642138422

Launch was 20-JUN-96 / 14:49:00.093

The following Keplerian elements were computed by VEC2TLE from this vector using a 1.5 drag multiplier:

STS-78

1 23931U 96036A 96182.50020602 .00092026 35242-7 14266-3 0 347
2 23931 39.0142 303.7075 0006937 341.9766 236.3355 16.03034716 1598

Satellite: STS-78

Catalog number: 23931
Epoch time: 96182.50020602
Element set: 34
Inclination: 39.0142 deg
RA of node: 303.7075 deg
Eccentricity: 0.0006937
Arg of perigee: 341.9766 deg
Mean anomaly: 236.3355 deg
Mean motion: 16.03034716 rev/day
Decay rate: 9.20265e-04 rev/day^2
Epoch rev: 159
Checksum: 291

VEC2TLE may be downloaded from:
[ftp.amsat.org /amsat/software/PC/util](ftp://amsat.org/amsat/software/PC/util)

Ken Ernandes
n2wwd@amsat.org

From gerry@cs.tamu.edu Tue Jul 02 09:37:49 1996
Received: from cs.tamu.edu (clavin.cs.tamu.edu [128.194.130.106]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id JAA07067 for <aprssig@tapr.org>; Tue, 2 Jul 1996 09:37:47 -0500 (CDT)
Received: from solar.cs.tamu.edu (2961@solar.cs.tamu.edu [128.194.132.1]) by cs.tamu.edu (8.6.10/8.6.4) with ESMTP id JAA20937 for <aprssig@tapr.org>; Tue, 2 Jul 1996 09:37:42 -0500

From: Gerald J Creager <gerry@cs.tamu.edu>
Received: (gerry@localhost) by solar.cs.tamu.edu (8.6.10/8.6.4) id JAA15378 for aprssig@tapr.org; Tue, 2 Jul 1996 09:36:12 -0500
Message-Id: <199607021436.JAA15378@solar.cs.tamu.edu>
Subject: Cows In Space goes National!
To: aprssig@tapr.org
Date: Tue, 2 Jul 1996 09:36:12 -0500 (CDT)
X-Mailer: ELM [version 2.4 PL25]
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

For what it's worth, APRS will be noted prominently in my presentation to the GIS/LIS conference on GPS data acquisition of realtime data for GIS 17-21 NOV in Denver. I got the notice of acceptance last week and have gone crazy building the GIS and populating it.

I only THOUGHT I was busy before...

gerry

From ku0g@sprynet.com Tue Jul 02 10:05:17 1996
Received: from m1.sprynet.com (m1.sprynet.com [165.121.1.97]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id KAA08812 for <aprssig@tapr.org>; Tue, 2 Jul 1996 10:05:14 -0500 (CDT)
From: ku0g@sprynet.com
Received: from [199.174.129.85] (ad02-085.compuserve.com [199.174.129.85]) by m1.sprynet.com (8.6.12/8.6.12) with SMTP id IAA06869 for <aprssig@tapr.org>; Tue, 2 Jul 1996 08:03:04 -0700
Date: Tue, 2 Jul 1996 08:03:04 -0700
Message-Id: <199607021503.IAA06869@m1.sprynet.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Subject: Re: [APRSSIG:2657] Re: Signal level from Shuttle?
To: aprssig@tapr.org
In-Reply-To: <199607021359.IAA14728@solar.cs.tamu.edu>
X-Mailer: SPRY Mail Version: 04.00.06.21

Just a note....From NASA Select TV (Satellite S2, Xpndr 9), Columbia is now in the normal payload bay-to-earth configuration. This means that the entire upper surface of the spacecraft is facing ground. Hopefully signals will now be much stronger! Get ready for the full-quiet signals!

At this writing Columbia is approximatly halfway between the tip of South Africa and the west coast of Austrailia on track for a central U.S. pass....

Best 73,
Jim Duncan, KU0G
APRS--Kansas City Coordinator
EMail: ku0g@sprynet.com

From jagrelo@cris.com Tue Jul 02 10:05:53 1996

Received: from franklin.cris.com (franklin.cris.com [199.3.12.31]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA08893 for <aprssig@tapr.org>; Tue, 2 Jul 1996 10:05:52 -0500 (CDT)

Received: from darius.cris.com (darius [199.3.12.32])
by franklin.cris.com (8.7.5/(96/06/11 2.45))
id KAA28362; Tue, 2 Jul 1996 10:06:43 -0400 (EDT)
[1-800-745-2747 The Concentric Network]

Errors-To: jagrelo@cris.com

Received: from crc3.pop3.net (cnc059035.concentric.net [206.83.77.35])
by darius.cris.com (8.7.3)
id KAA04452; Tue, 2 Jul 1996 10:03:54 -0400 (EDT)

Message-ID: <31D95776.14A8@concentric.net>

Date: Tue, 02 Jul 1996 10:08:06 -0700

From: Joseph Agrelo <jagrelo@cris.com>

Organization: Agrelo Engineering

X-Mailer: Mozilla 2.01 (Win95; U)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: Re: [APRSSIG:2623] re: WinAPRS v 1.1.0 Is on TAPR

References: <CMM-RU.1.4.836258457.ksproul@hardees.rutgers.edu>

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Keith Sproul wrote:

> We put WinAPRS 1.1.0 up on TAPR this afternoon..
>
> It is in
>
> ftp://ftp.tapr.org/tapr/SIG/aprssiG/files/winstuff/WinAPRS/

Thanks Keith & Mark.

73 De Joe N200C

XX

Agrelo Engineering

Joe Agrelo/President

1145 Catalyn St. Schenectady, NY 12303 USA

(518)381-1057

(518)381-1058

E-Mail: Jagrelo@concentric.net

WEB: http://home.navisoft.com/agrelo/ae.htm

Designer & Manufacturer of intelligent microprocessor
based Doppler and talking products

Experts in Microchip & Motorola processors

XX

From ku0g@sprynet.com Tue Jul 02 10:12:36 1996

Received: from m1.sprynet.com (m1.sprynet.com [165.121.1.97]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id KAA09273 for <aprssig@tapr.org>; Tue, 2 Jul 1996 10:12:35 -0500 (CDT)

From: ku0g@sprynet.com

Received: from [199.174.129.85] (ad02-085.compuserve.com [199.174.129.85]) by

m1.sprynet.com (8.6.12/8.6.12) with SMTP id IAA08858 for <aprssig@tapr.org>; Tue,
2 Jul 1996 08:10:26 -0700
Date: Tue, 2 Jul 1996 08:10:26 -0700
Message-Id: <199607021510.IAA08858@m1.sprynet.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Subject: Shuttle Track
To: aprssig@tapr.org
X-Mailer: SPRY Mail Version: 04.00.06.21

In my previous posting I mentioned the track of Columbia for the current orbit.
On watching the projected ground track display on NASA Select, this pass looks
like this...

Encounter the California coast near LAX, ENE bound.
Peak of orbit near Des Moines and crossing the Atlantic coast somewhere around
Jacksonville, FL. This should be the best pass of the day for those of us in
the central and southern states.

Pegasus was launched from an L-1011 aircraft near Vandenburg AFB, CA and is now
in orbit!

At 1500 CDT Vice President Gore will announce the winner of the bid for
construction of the X-33 spacecraft which is the next generation of re-usable
orbiters. The speech will be from JPL...

Best 73,
Jim Duncan, KU0G
APRS--Kansas City Coordinator
EMail: ku0g@sprynet.com

From 71301.3106@CompuServe.COM Tue Jul 02 10:34:20 1996
Received: from arl-img-5.compuserve.com ([149.174.217.135]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id KAA10951 for <aprssig@tapr.org>; Tue, 2 Jul 1996
10:34:18 -0500 (CDT)
Received: by arl-img-5.compuserve.com (8.6.10/5.950515)
id LAA10221; Tue, 2 Jul 1996 11:34:03 -0400
Date: 02 Jul 96 11:32:22 EDT
From: Mike Musick <71301.3106@CompuServe.COM>
To: <aprssig@tapr.org>
Subject: SIG Archives?
Message-ID: <960702153221_71301.3106_FHJ55-1@CompuServe.COM>

Does anyone know what's going on with the archiving of messages from this SIG?
The FTP server hasn't been updated for a week. I follow the SIG from the
archives and the blackout has left me wondering what's going on.

Please respond direct e-mail and not to the SIG (obviously! ;-)).

Thanks!

...mike musick/NOQBF

71301.3106@compuserve.com

From ku0g@sprynet.com Tue Jul 02 11:01:51 1996
Received: from m1.sprynet.com (m1.sprynet.com [165.121.1.97]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id LAA12255 for <aprssig@tapr.org>; Tue, 2 Jul 1996
11:01:50 -0500 (CDT)
From: ku0g@sprynet.com
Received: from [199.174.157.90] (dd15-090.compuserve.com [199.174.157.90]) by
m1.sprynet.com (8.6.12/8.6.12) with SMTP id IAA21332 for <aprssig@tapr.org>; Tue,
2 Jul 1996 08:59:40 -0700
Date: Tue, 2 Jul 1996 08:59:40 -0700
Message-Id: <199607021559.IAA21332@m1.sprynet.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Subject: Orbit 190
To: aprssig@tapr.org
X-Mailer: SPRY Mail Version: 04.00.06.21

Columbia crosses over LAX 1048 CDT....Possible WEAK carrier

Columbia over Nevada desert 1050 CDT..Nothing heard...
(Orbital track from NASA Screen will take Columbia across
AZ, NM, central TX, LA, Gulf Coast and, finally FL peninsula...)

1051 No signals heard...

1052 No signals heard...

1053 No signals heard...

1054 Columbia over NM/TX...No signals heard...

1055 Weak carrier detected. No audio/packet tones discernable...

1056 Crossing Gulf coast...Packet signals heard!!! Too low in level for
decoding...

1057 Over Gulf of Mexico headed toward west tip of Cuba..
Signal lost....Good luck Florida!!!

Did anyone plot me???? I sent beacons and posits every 15 seconds for the
duration of this pass....

Best 73,
Jim Duncan, KU0G
APRS--Kansas City Coordinator
EMail: ku0g@sprynet.com

From ke4eer@worldnet.att.net Tue Jul 02 11:16:29 1996
Received: from mailhost.worldnet.att.net (mailhost.worldnet.att.net
[204.127.129.3]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id LAA12980 for

<aprssig@tapr.org>; Tue, 2 Jul 1996 11:16:27 -0500 (CDT)
Received: by mailhost.worldnet.att.net (SMI-8.6/SMI-SVR4)
id QAA21117; Tue, 2 Jul 1996 16:15:56 GMT
Received: from 9.bridgeton-3.mo.dial-access.att.net(199.69.38.9)
by mailhost.worldnet.att.net with SMTP
id A21012; Tue Jul 2 16:15:32 1996
Message-ID: <31D96731.4F10@worldnet.att.net>
Date: Tue, 02 Jul 1996 11:15:13 -0700
From: William Nolle <ke4eer@worldnet.att.net>
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:2668] Orbit 190
References: <199607021559.IAA21332@m1.sprynet.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

ku0g@sprynet.com wrote:

>
> Columbia crosses over LAX 1048 CDT....Possible WEAk carrier
>
> Columbia over Nevada desert 1050 CDT..Nothing heard...
> (Orbital track from NASA Screen will take Columbia across
> AZ, NM, central TX, LA, Gulf Coast and, finally FL peninsula...)
> 1055 Weak carrier detected. No audio/packet tones discernable...
>
> Did anyone plot me???? I sent beacons and posits every 15 seconds for the
> duration of this pass....
>
>
> Best 73,
> Jim Duncan, KU0G
> APRS--Kansas City Coordinator
> EMail: ku0g@sprynet.com

No Jim. i had the same problem on this pass, very weak signal here also.

--

Bill WA8INZ
ke4eer@worldnet.att.net
ke4eer@amsat.org

From dwetzel@uswest.com Tue Jul 02 11:22:37 1996
Received: from slkc1.slkc.uswest.net (slkc1.slkc.uswest.net [206.81.128.1]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id LAA13323 for <aprssig@tapr.org>; Tue, 2
Jul 1996 11:22:35 -0500 (CDT)
Received: from 70571,3005.compuserve.com (dialup3.slkc.uswest.net [206.81.128.12])
by slkc1.slkc.uswest.net (8.6.12/8.6.12) with SMTP id KAA12914 for
<aprssig@tapr.org>; Tue, 2 Jul 1996 10:22:34 -0600
Message-ID: <31D94CCA.767@uswest.com>
Date: Tue, 02 Jul 1996 10:22:34 -0600
From: Doug Wetzel <dwetzel@uswest.com>
X-Mailer: Mozilla 2.01 (Win95; I)

MIME-Version: 1.0
To: aprssig@tapr.org
Subject: SAREX
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

021547Z Pass

No packets, no voice from Columbia this pass.

73
Doug
KC7C0
Radio Free Utah

From bruninga@nadm.navy.mil Tue Jul 02 12:34:12 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id MAA16541 for <aprssig@tapr.org>; Tue, 2 Jul 1996 12:34:10 -0500 (CDT)
Received: (from bruninga@localhost) by arctic.nadm.navy.mil (8.6.12/8.6.12) id NAA19762; Tue, 2 Jul 1996 13:35:06 -0400
Date: Tue, 2 Jul 1996 13:35:05 -0400 (EDT)
From: Bob Bruninga <bruninga@nadm.navy.mil>
To: Doug Wetzel <dwetzel@uswest.com>
cc: amsat-bb@amsat.org, aprssig@tapr.org
Subject: Re: Space mode
In-Reply-To: <31D92D41.5BE6@uswest.com>
Message-ID: <Pine.SUN.3.91.960702133223.19485A-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 2 Jul 1996, Doug Wetzel wrote:

> Bob, is there a way to get OUT of space mode once you are in it without
> shutting down APRS and restarting?

APRStrak REPLY COMMENT: Yes, the alt-S-MODES-SPACE is a toggle in all APRS versions. In the next version it will have a command alt-S-MODE-NORMAL.

After changing modes you will want to re-enter your UPOROTO digipeater too.

de wb4apr@amsat.org

From bruninga@nadm.navy.mil Tue Jul 02 12:38:19 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id MAA16664 for <aprssig@tapr.org>; Tue, 2 Jul 1996 12:38:18 -0500 (CDT)
Received: (from bruninga@localhost) by arctic.nadm.navy.mil (8.6.12/8.6.12) id NAA20312; Tue, 2 Jul 1996 13:39:16 -0400
Date: Tue, 2 Jul 1996 13:39:15 -0400 (EDT)
From: Bob Bruninga <bruninga@nadm.navy.mil>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:2657] Re: Signal level from Shuttle?

In-Reply-To: <199607021359.IAA14728@solar.cs.tamu.edu>
Message-ID: <Pine.SUN.3.91.960702133726.19485C@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 2 Jul 1996, Gerald J Creager wrote:

> On this mission, the Shuttle's radio is a Motorola HT (MX-300) detuned for
> 2.5 watts. The antenna is a cavity resonator in one
> of the forward windows, with a pattern that approximates a 1/4 wave

APRSDos REPLY COMMENT: Not one of the "side" windows? This means it is pointed straight up on this mission, right? So most of the energy goes straight out to space?

de wb4apr@amsat.org

From ke4eer@worldnet.att.net Tue Jul 02 14:46:47 1996
Received: from mailhost.worldnet.att.net (mailhost.worldnet.att.net [204.127.129.4]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id 0AA22152 for <aprssig@tapr.org>; Tue, 2 Jul 1996 14:46:41 -0500 (CDT)
Received: by mailhost.worldnet.att.net (SMI-8.6/SMI-SVR4) id TAA25333; Tue, 2 Jul 1996 19:46:09 GMT
Received: from 253.bridgeton-3.mo.dial-access.att.net(199.69.38.253) by mailhost.worldnet.att.net with SMTP id A25264; Tue Jul 2 19:46:05 1996
Message-ID: <31D99886.665D@worldnet.att.net>
Date: Tue, 02 Jul 1996 14:45:42 -0700
From: William Nolle <ke4eer@worldnet.att.net>
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: DFjr
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Well finally got my DFjr (After the long wait). I had received one of the antenna switchers that Joe posted a message about on the sig, but got the new one delivered to the door the next day. After taking a trip to town to pickup some additional cables needed i tested it out this morning (Just the DFjr only). I learned one thing right off the bat, i needed a better quick reference card. The one Agrelo included with the package just wasn't big enough for an old man like me to see (It was just too small), so the first thing i did was to use Corel Draw and make one the way i wanted it about 4" x 7" to fit on my sunvisor in the pickup Hi. Well the test went just great, i tuned to a repeater frequency and took a ride around the block and the DFjr didn't have any problem pointing me in the right direction. I do have to do something with all those wires though. By the way for this test i was using an HTX202 and worked just fine. The antenna system is easy to put together but you do have to be very carefull with those washers Agrelo uses at each antenna. I assembled all 4 and then checked them with my ohm meter and found one shorted so i took that one apart and after re-assembling that antenna it was ok, you

have to be very carefull when doing the assembly work on the antenna system. Anyway for those of you that can't read that really fine print on the quick reference card that Joe send you i uploaded the file in PCX format to the tapr site called DFJR2.ZIP it has both front and back for the carr visor card, let me know if you would like something added or changed on it. Anyway all in all it was fun so far. Now the part that i always have problems with GPS, TNC, Laptop combination.

--

Bill WA8INZ
ke4eer@worldnet.att.net
ke4eer@amsat.org

From steve@muskoka.com Tue Jul 02 15:08:59 1996
Received: from gold.muskoka.com (root@gold.muskoka.com [204.101.78.5]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id PAA23025 for <aprssig@tapr.org>; Tue, 2 Jul 1996 15:08:52 -0500 (CDT)
Received: from Psteve.muskoka.com (ppp12.muskoka.com [204.101.78.42]) by gold.muskoka.com (8.6.12/8.6.9) with SMTP id QAA11889 for <aprssig@tapr.org>; Tue, 2 Jul 1996 16:41:21 -0400
Message-Id: <1.5.4.32.19960702200848.00669030@muskoka.com>
X-Sender: steve@muskoka.com
X-Mailer: Windows Eudora Light Version 1.5.4 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Tue, 02 Jul 1996 16:08:48 -0400
To: aprssig@tapr.org
From: steve <steve@muskoka.com>
Subject: 6M

Bob,

I also put the frequency counter on my icom and it is bang on freq.. I also checked the mitreks and got the same results.. The midland I assume should be on.. I hope this will not lead to something bitter like I am having with the rest of the goons up here..

Chow for now....

Steve Dubois VA3HOI
CANWARN SPOTTER
APARS & WINAPRS
Int: steve@muskoka.com

From dkaplan@pionet.net Tue Jul 02 15:39:49 1996
Received: from ELWOOD.pionet.net (ELWOOD.pionet.net [199.120.116.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id PAA24183 for <aprssig@tapr.org>; Tue, 2 Jul 1996 15:39:47 -0500 (CDT)
Received: from pm1_128.pionet.net by ELWOOD.pionet.net; (5.65v3.0/1.1.8.2/030ct95-1046AM)
id AA14437; Tue, 2 Jul 1996 15:45:04 -0500
Date: Tue, 2 Jul 1996 15:45:04 -0500
Message-Id: <9607022045.AA14437@ELWOOD.pionet.net>
X-Sender: dkaplan@elwood.pionet.net

X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: Dave Kaplan <dkaplan@pionet.net>
Subject: FM Radio on 121.6 for DFjr

Since the DFjr want to see an FM signal I find myself wondering:

1. What will an FM receiver do to a AM ELT (Crash Beacon) signal on 121.6 or 121.5?
2. Where can I find a FM receiver (built up or a kit) that will tune for 121.5/121.6?

I want to use the DFjr in conjunction with APRS to hunt ELT signals with Civil Air Patrol. Now I just need to find a way to attach that antenna set to an airplane!

Dave

From bruninga@nadm.navy.mil Tue Jul 02 16:04:07 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id QAA25309 for <aprssig@tapr.org>; Tue, 2 Jul 1996 16:04:05 -0500 (CDT)
Received: (from bruninga@localhost) by arctic.nadm.navy.mil (8.6.12/8.6.12) id QAA07903; Tue, 2 Jul 1996 16:22:02 -0400
Date: Tue, 2 Jul 1996 16:22:02 -0400 (EDT)
From: Bob Bruninga <bruninga@nadm.navy.mil>
To: Larry Keeran <lmkeeran@rs6000.cmp.ilstu.edu>
cc: aprssig@tapr.org
Subject: Re: logging all calls
In-Reply-To: <v02120d02adff17d603a1@[138.87.2.109]>
Message-ID: <Pine.SUN.3.91.960702161912.7455A-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 2 Jul 1996, Larry Keeran wrote:

> What would it take to search thru the .bk or .log files and collect
> the call letters and lat/long (posits) of stations that I have heard?

APRSDos REPLY COMMENT: I wrote that a few years ago, and it is included in all copies of APRS. It is called something like SUMMARIZ.bas. It will build a single HST file of all calls you have ever heard. Then you can replay it at any time to see where someone lives...

de wb4apr@amsat.org

From bruninga@nadm.navy.mil Tue Jul 02 16:04:17 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id QAA25328 for <aprssig@tapr.org>; Tue, 2 Jul 1996 16:04:14 -0500 (CDT)

Received: (from bruninga@localhost) by arctic.nadn.navy.mil (8.6.12/8.6.12) id QAA08380; Tue, 2 Jul 1996 16:31:27 -0400
Date: Tue, 2 Jul 1996 16:31:27 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
To: aprssig@tapr.org
cc: amsat-bb@amsat.org
Subject: APRS Sarex report (10)
Message-ID: <Pine.SUN.3.91.960701222945.6581E-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Not much new today. No packets detected anywhere. But sometime before the 02 1413 pass, the shuttle maneuvered to payload bay down and during that pass voice contacts were MUCH stronger. Statistics today worsened due to 6 no-activity passes. But there was one good voice pass giving us 13 days of SAREX activity. There have now been 16 voice passes and 16 packet robot passes so far. There are now 25 passes with no activity (not counting the 5 on 22nd), but many of these could be SCHOOL passes.

DAY	EDT	ZULU	COMMENTS
21	1745	2145z	Voice K04HD Fl Keys
21		2238z	Voice WB6LLO San Diego, and W5GEL Texas
22	0915	1315z	through 1400 on 23 June nothing heard on 9 passes
23	1535	1935z	voice heard in S. Fla
23		2110z	Voice heard in Calif
24	0740	1140z	nothing heard on next 4 passes
24	1355	1755z	voice reported in Texas
24	1530	1930z	nothing heard on next 3 passes
25	1045	1445z	I missed the pass (Any reports of activity?)
25	1230	1620z	Voice over usa. They said Packet soon!
25	1400	1750z	Voice over USA
26	0730	1130z	Packet reported fm Alabama
26	0904	1304z	Packet reported in Houston & East. QSO#'s 104 to 130
		1313z	K1HJC>FN43HB,W5RRR-1*>APRS 0.5 on line *** First POSIT
		1010	1610z packets. QSO#'s 141
26	1356	1756z	packets over USA QSO#'s 214
26	1500	1900z	? (I missed it. Anyone else have a report?)
27	0725	1125z	nothing heard this pass and the 0900 EDT pass
27	1035	1435z	voice heard on this and 1610z, and 1745z passes
27	1510	1910z	? (i missed it. Anyone else have a report?)
28	0725	1125z	22 packets copied in Maryland
28	0900	1300z	27 pkts reported in TX and AL by KB0UZQ and KE4EER
28	1036	1436z	voice heard
28		1915z	packets heard in Calif. WB6LLO "success"
29	0730	1130z	voice heard
29	0900	1300z	nothing heard
29	1027	1427z	QSO#586. KE6AFE Posit reported? (someone send me a copy)
		1433z	WB4LTF>EL98IP,W5RRR-1*:Orlando FL
		1436z	N8DEU>EM64QS,W5RRR-1*: [GS]Tim at Huntsville, AL (TNC only)
29	1346	1746z	Voice reported in FL
29		1911z	WB6LLO APRS success reported in Calif? (Anyone see it?)
		1920z	Voice reported in Honduras

30 0545 0945z QS0#672. KE4EER>EM64SX,W5RRR-1*:Bill, Hazel Green AL V7.6e
30 0720 1120z QS0#729.
30 0850 1250z 9 weak pkts heard in MD. Weak pkts hrd in SoCAL
30 1023 1423z nothing heard in SoCAL
30 1157 1557z voice on west coast and in AL
30 1732z nothing heard in Calif
30 1906z WB6LL0 gets "CONGRATS"
01 0405 0805z Strong voice reported
01 0540 0950z KE4EER reports strong voice in AL
01 0720 1120z Voice heard in MD working Michigan
01 0850 1250z nothing (someone reported weak packet?)
01 1025 1425z nothing. Weak pkts then voice reported in Salt Lake City
01 1200 1600z nothing
02 0422 0822z no packets detected in MD
02 0540 0940z no packets detected in MD
02 0722 1122z no packets detected in MD
02 0842 1242z nothing
02 1413z Voice full quieting over Utah
02 1547z nothing heard
02 1726z nothing heard

Still need someone who saw WB6LL0 and KB0UZQ APRS packets.

I still have three passes unaccounted for.. If you have raw data to fill in or correct entries above, please send them to me. I would also like to get the QS0#'s for every packet pass.

de wb4apr@amsat.org

Received: from slkc1.slkc.uswest.net (slkc1.slkc.uswest.net [206.81.128.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id QAA26682 for <aprssig@tapr.org>; Tue, 2 Jul 1996 16:29:06 -0500 (CDT)

Received: from 70571,3005.compuserve.com (dialup3.slkc.uswest.net [206.81.128.12]) by slkc1.slkc.uswest.net (8.6.12/8.6.12) with SMTP id PAA14803 for <aprssig@tapr.org>; Tue, 2 Jul 1996 15:29:04 -0600

Message-ID: <31D9949E.7016@slkc.uswest.net>

Date: Tue, 02 Jul 1996 15:29:02 -0600

From: Doug Wetzel <dwetzel@slkc.uswest.net>

X-Mailer: Mozilla 2.01 (Win95; I)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: SAREX

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Late update on the 021722Z Pass

Eight or ten packets heard at various times (this was a low el pass, <5 deg), but too noisy to decode. No voice on this pass.

73

Doug

KC7CO

From steve@muskoka.com Tue Jul 02 16:40:29 1996

Received: from gold.muskoka.com (root@gold.muskoka.com [204.101.78.5]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id QAA27783 for <aprssig@tapr.org>; Tue, 2 Jul 1996 16:40:22 -0500 (CDT)

Received: from Psteve.muskoka.com (ppp10.muskoka.com [204.101.78.40]) by gold.muskoka.com (8.6.12/8.6.9) with SMTP id SAA03685 for <aprssig@tapr.org>; Tue, 2 Jul 1996 18:12:46 -0400

Message-Id: <1.5.4.32.19960702214015.00669de0@muskoka.com>

X-Sender: steve@muskoka.com

X-Mailer: Windows Eudora Light Version 1.5.4 (32)

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Date: Tue, 02 Jul 1996 17:40:15 -0400

To: aprssig@tapr.org

From: steve <steve@muskoka.com>

Subject: Sorry

Sorry to All,

I hit the wrong button on my mailer... I am very sorry for the mistake..Please disregard..If you want to flame me I deserve it for not being more careful..

Once again my sincere appologies...

Chow....

Steve Dubois VA3HOI

CANWARN SPOTTER
APARS & WINAPRS
Int: steve@muskoka.com

From tdrumm@sparc.isl.net Tue Jul 02 17:03:06 1996
Received: from sparc.isl.net (root@sparc.isl.net [199.3.25.3]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id RAA29140 for <aprssig@tapr.org>; Tue, 2 Jul 1996
17:03:03 -0500 (CDT)
Received: from ppp-42.isl.net (ppp-42.isl.net [199.3.25.91]) by sparc.isl.net
(8.7.4/8.7.3) with SMTP id RAA25224 for <aprssig@tapr.org>; Tue, 2 Jul 1996
17:09:48 -0500 (CDT)
Message-Id: <199607022209.RAA25224@sparc.isl.net>
X-Sender: tdrumm@sparc.isl.net
X-Mailer: Windows Eudora Version 1.4.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Tue, 02 Jul 1996 17:05:40 -0500
To: aprssig@tapr.org
From: tdrumm@sparc.isl.net (Tony Drumm)
Subject: Ultimeter

Where are the best places to purchase an Ultimeter II?

Tony Drumm
Rochester, MN
internet: tdrumm@isl.net
Packet: aa0sm@wd0gnk.#semn.mn.usa.na

From CHEAD@exame2.dseg.ti.com Tue Jul 02 17:08:25 1996
Received: from gate.ti.com (news.ti.com [192.94.94.33]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id RAA29615 for <aprssig@tapr.org>; Tue, 2 Jul 1996
17:08:21 -0500 (CDT)
Received: from lesol1.dseg.ti.com ([128.247.231.86]) by gate.ti.com (8.6.13/
ac3i.dseg.ti.com) with ESMTP id RAA20839 for <aprssig@tapr.org>; Tue, 2 Jul 1996
17:07:46 -0500
Received: from exame2.dseg.ti.com (EXAME2.dseg.ti.com [128.247.183.127]) by
lesol1.dseg.ti.com (8.6.9/8.6.6) with SMTP id RAA03419 for <aprssig@tapr.org>;
Tue, 2 Jul 1996 17:07:14 -0500
Date: Tue, 2 Jul 1996 17:07:17 -0500 (CDT)
From: Claude 995-5040 pager 4541 <CHEAD@exame2.dseg.ti.com>
To: aprssig@tapr.org
CC: CHEAD@exame2.dseg.ti.com
Message-Id: <960702170717.208140da@exame2.dseg.ti.com>
Subject: reply to [APRSSIG:2675] FM Radio on 12.6 for DFjr

Dave Kaplan says:

>Since the DFjr want to see an FM signal I find myself wondering:

>1. What will an FM receiver do to a AM ELT (Crash Beacon) signal on 121.6
>or 121.5?

>2. Where can I find a FM receiver (built up or a kit) that will tune for

>121.5/121.6?

>I want to use the DFjr in conjunction with APRS to hunt ELT signals with
>Civil Air Patrol. Now I just need to find a way to attach that antenna set
>to an airplane!

>Dave

Dave:

1. The DFjr makes its own FM from the signal as a consequence of the pseudo rotation of the receiving antenna. This is independent of the modulation on the original signal.
2. Looks like just putting a mixing element between the DFjr antenna and ordinary amateur 2 meter receiver and injecting a signal of about 25 Mhz would produce a frequency component right in the middle of the 2 meter band. (121.5 Mhz + 25 Mhz = 146.5 Mhz) This signal would carry all the information present in the original signal.
3. Might have to extend the length of the DFjr antenna X arms and the length of the whips to work properly at 121.5 Mhz.
4. Probably need to get Joe Agrelo to comment on all the above suggestions just to be sure!
5. Don't have any suggestions about mounting the antennas on an airplane!

73 Claude
K5DTN

From n2czf@magg.net Tue Jul 02 17:12:35 1996

Received: from grumpy.magg.net (root@grumpy.magg.net [205.218.112.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id RAA29838 for <aprssig@tapr.org>; Tue, 2 Jul 1996 17:12:34 -0500 (CDT)

Received: from Cybergate (wpb-198.magg.net [205.218.112.198]) by grumpy.magg.net (8.7.5/8.7.3) with SMTP id SAA14557 for <aprssig@tapr.org>; Tue, 2 Jul 1996 18:10:41 -0400

Date: Tue, 2 Jul 1996 18:10:41 -0400

Message-Id: <199607022210.SAA14557@grumpy.magg.net>

X-Sender: n2czf@magg.net

X-Mailer: Windows Eudora Version 1.4.3

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

To: aprssig@tapr.org

From: n2czf@magg.net (Richard Garcia)

Subject: Re: [APRSSIG:2634] Re: Aligator

Yes, twas I, I will admit to it.

>>BTW, no one did plot the location of the crash. I havent seen it on the map
>>here since it happened....

>

>Not true. Someone (I think N2CZF, if not forgive me) did plot it when it

>first happened. I woke up (I work nights) and flipped on the computer
>screen to see what was on APRS, saw the posit and then turned on the TV
>to see what had happened. APRS, a great way to keep informed of current
>events!

>

>Steve, K04HD

>

>

73's Rich N2CZF

n2czf@magg.net

<http://www.magg.net/~n2czf> (Personal)

<http://www.magg.net/~n2czf/aprs.html> (Florida APRS)

Jupiter Farms Florida EL96

From fmcjunki@cks.ssd.k12.wa.us Tue Jul 02 18:03:55 1996

Received: from ssd.k12.wa.us (cks.ssd.k12.wa.us [198.104.244.101]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id SAA03630 for <aprssig@tapr.org>; Tue, 2 Jul 1996
18:03:53 -0500 (CDT)

Received: from localhost by ssd.k12.wa.us (4.1/SMI-4.1)

id AA26123; Tue, 2 Jul 96 15:58:19 PDT

Date: Tue, 2 Jul 1996 15:58:19 -0700 (PDT)

From: Frank McJunkins <fmcjunki@cks.ssd.k12.wa.us>

X-Sender: fmcjunki@cks

Reply-To: Frank McJunkins <fmcjunki@cks.ssd.k12.wa.us>

To: aprssig@tapr.org

Subject: GPS-20

Message-Id: <Pine.SUN.3.92.960702155442.25810B-1000000@cks>

Mime-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

Well, I just had a very worthwhile conversation with a knowledgeable
person at Garmin and they have my blessings again. I was faxed a data
sheet on the GPS20 and GPS25 and it sure looks to me like the maximum
velocity is 999knots. Am I not picking up the decimal point?

From dseaburg@web-access.net Tue Jul 02 18:17:50 1996

Received: from austin.aus.sig.net (root@austin.aus.sig.net [199.1.78.2]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id SAA04149 for <aprssig@tapr.org>; Tue, 2
Jul 1996 18:17:49 -0500 (CDT)

Received: from seab486dx4 (ppp142.web-access.net [205.241.59.142]) by
austin.aus.sig.net (8.7.5/8.7.3) with SMTP id SAA24967 for <aprssig@tapr.org>;
Tue, 2 Jul 1996 18:17:29 -0500 (CDT)

Message-ID: <31D9AE3A.4A16@web-access.net>

Date: Tue, 02 Jul 1996 18:18:18 -0500

From: Dale Seaburg <dseaburg@web-access.net>

X-Mailer: Mozilla 2.01Gold (WinNT; U)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: Re: [APRSSIG:2640] Re: Maridian XL

References: <31D8B1AF.3DC1@why.net>

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

dkaszubski wrote:

>

> Rick O'Hearn wrote:

> >

> > Hi all,

> > I have my eye on a Meridian XL for \$289.... Wondering if anyone

snip---

> At first glance, the Meridian XL seems to be a better buy until you try
> to use it as a handheld GPS receiver. Set-up is easy with the menus and scroll
buttons.

snip---

I have to throw my two-cents worth in here. I too bought a Meridian XL because it
was the cheapest at the time and came with the power/data cable. I agree that is
fairly easy with the menu system.

My main gripe is with its seeming inaccuracy in altitude. I even called the
factory on this one, but got NO satisfaction. They said it was S.A! Let me
explain:

When I initialized with my rough coordinates (Lat, Long, Elev and time), the
altitude would seem to stay locked in with some reasonable change, but over a long
time (hours) it would drift considerably. I would see (standing still with
anywhere from 5 to 8 sat's) elevations change from -900 ft to well over 25,000 ft.
I beg your pardon, 25K'!!!! I don't think so. Can't blame THAT on S.A! I
basically gave up on expecting anything reliable from the altitude reading. Now,
I
wish I too, had purchased a Garmin 45. Oh well...

Dale Seaburg KG5LT
dseaburg@web-access.net

From jagrelo@cris.com Tue Jul 02 19:00:23 1996
Received: from franklin.cris.com (franklin.cris.com [199.3.12.31]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id TAA05957 for <aprssig@tapr.org>; Tue, 2 Jul 1996
19:00:22 -0500 (CDT)
Received: from darius.cris.com (darius [199.3.12.32])
by franklin.cris.com (8.7.5/(96/06/11 2.45))
id TAA22040; Tue, 2 Jul 1996 19:59:58 -0400 (EDT)
[1-800-745-2747 The Concentric Network]
Errors-To: jagrelo@cris.com
Received: from crc3.pop3.net (cnc059035.concentric.net [206.83.77.35])
by darius.cris.com (8.7.3)
id TAA22128; Tue, 2 Jul 1996 19:47:19 -0400 (EDT)
Message-ID: <31D9E019.3D75@concentric.net>
Date: Tue, 02 Jul 1996 19:51:05 -0700
From: Joseph Agrelo <jagrelo@cris.com>
Organization: Agrelo Engineering
X-Mailer: Mozilla 2.01 (Win95; U)
MIME-Version: 1.0
To: aprssig@tapr.org

Subject: Re: [APRSSIG:2681] reply to FM Radio on 12.6 for DFjr
References: <960702170717.208140da@exame2.dseg.ti.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Claude 995-5040 pager 4541 wrote:

>
> Dave Kaplan says:
>
> >Since the DFjr want to see an FM signal I find myself wondering:
>
> >1. What will an FM receiver do to a AM ELT (Crash Beacon) signal on 121.6
> >or 121.5?
>
> >2. Where can I find a FM receiver (built up or a kit) that will tune for
> >121.5/121.6?
>
> >I want to use the DFjr in conjunction with APRS to hunt ELT signals with
> >Civil Air Patrol. Now I just need to find a way to attach that antenna set
> >to an airplane!
>
> >Dave
>
> Dave:
> 1. The DFjr makes its own FM from the signal as a consequence of the
> pseudo rotation of the receiving antenna. This is independent of the
> modulation on the original signal.
>
> 2. Looks like just putting a mixing element between the DFjr antenna and
> and ordinary amateur 2 meter receiver and injecting a signal of about
> 25 Mhz would produce a frequency component right in the middle of the 2
> meter band. (121.5 Mhz + 25 Mhz = 146.5 Mhz) This signal would carry
> all the information present in the original signal.
>
> 3. Might have to extend the length of the DFjr antenna X arms and the
> length of the whips to work properly at 121.5 Mhz.
>
> 4. Probably need to get Joe Agrelo to comment on all the above suggestions
> just to be sure!
>
> 5. Don't have any suggestions about mounting the antennas on an airplane!
>
> 73 Claude
> K5DTN

We are currently testing an AM man overboard system to be used with the DFjr. Testing will start after the holiday weekend, and then we will try to make a modification to support this feature. How this feature will be implemented is yet to be determined. Please be patient and we will let you know as soon as it's done.

The antenna system is broad banded enough that the X-arms shouldn't need to be

lengthened, for example: a very fluent user of the DFjr succesfully DFed a 224MHz signal using the 2 meter array.

Mounting the DFjr antenna array on an airplane! may be the TASK of the century;-) but not impossible, since the fuselage is oval (most likely), you may want to drill

a hole through that expensive toy (aircraft) for the center mount of the X-arms and

use a longer bolt. But! now the the 4 independant, capacitively coupled, magnets to ground

becomes a major issue, without this! no worky! If you could some how have 4 ground

radials pointing downwards instead of the magnets, this would work. If ELT's were at a higher frequency, the antenna array could be significantly smaller.

Well... this is starting to look like the APRS/DFjr SIG, lets try to keep more of this directed to me personally, so we don't upset too many TAPR/APRS/SIG people. Who knows, maybe we'll have a AGRELO/DFSIG someday! Of coarse, if it directly involves

the connection of the DFjr with all the APRS versions, then I think that's ok. The DFjr & APRS support each other, naturally.

We'll keep you posted on the AMplitude stuff.

73 De Joe N200C

XX

Agrelo Engineering

Joe Agrelo/President

1145 Catalyn St. Schenectady, NY 12303 USA

(518)381-1057

(518)381-1058

E-Mail: Jagrelo@concentric.net

WEB: <http://home.navisoft.com/agrelo/ae.htm>

Designer & Manufacturer of intelligent microprocessor based Doppler and talking products

Experts in Microchip & Motorola processors

XX

From mbary@nmaa.org Tue Jul 02 20:00:59 1996

Received: from mail.nmaa.org (luckier.nmaa.org [204.91.49.10]) by tapr.org

(8.7.5/8.7.3/1.9) with ESMTP id UAA08480 for <aprssig@tapr.org>; Tue, 2 Jul 1996 20:00:57 -0500 (CDT)

Received: from [206.175.22.60] by mail.nmaa.org (post.office MTA v1.9.1

ID# 0-11620) with SMTP id AAA130 for <aprssig@tapr.org>;

Tue, 2 Jul 1996 21:03:25 -0400

Message-ID: <31D9EFD1.D9@nmaa.org>

Date: Tue, 02 Jul 1996 20:58:09 -0700

From: mbary@nmaa.org (Mark L. Bary)

X-Mailer: Mozilla 2.01 (Win16; I)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: Re: [APRSSIG:2672] Re: Signal level from Shuttle?

References: <Pine.SUN.3.91.960702133726.19485C@arctic>

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bob Bruninga wrote:

> APRSdos REPLY COMMENT: Not one of the "side" windows? This means it is
> pointed straight up on this mission, right? So most of the energy
> goes straight out to space?

Except when the Shuttle is on it's back! Then the antenna is pointed
down and forward.

My understanding is that much of the time the shuttle is normally on
it's back with the payload bay looking down at the Earth; this mission
has it "right side up" more often than other missions. Another source
says this mission has the Shuttle "swapping ends" more often than in
other missions too (i.e. sometimes the nose is pointing in the direction
of flight, sometimes the tail).

Now, if they just had a good mag mount..... or how about an EVA to attach
one of those thru the glass antennas?! Let's see, at about \$50 per
antenna mount, I think they could afford to let it burn up during
reentry. And if it didn't, think of the advertisement campaign a company
could mount!! Hmmm. But of course NASA wouldn't pay off-the-shelf
prices, so I guess it would run them about \$1,500 per antenna. Well, at
that rate they might have to ask everybody to send in a "green stamp" for
the QSL card...

Please flame me direct if you didn't see the attempt at humor in the
above paragraph.... 8-)

73
Mark
N4EOC
Germantown, MD
MBary@nmaa.org

From z004391b@bcfreenet.seflin.lib.fl.us Tue Jul 02 20:07:06 1996
Received: from bcfreenet.seflin.lib.fl.us (z004391b@bcfreenet.seflin.lib.fl.us
[199.227.192.20]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id UAA09109 for
<aprssig@tapr.org>; Tue, 2 Jul 1996 20:07:05 -0500 (CDT)
Received: (from z004391b@localhost) by bcfreenet.seflin.lib.fl.us (8.6.12/8.6.12)
id VAA23993; Tue, 2 Jul 1996 21:06:15 -0400
Date: Tue, 2 Jul 1996 21:06:15 -0400 (EDT)
From: John W Wilson <z004391b@bcfreenet.seflin.lib.fl.us>
Subject: Re: [APRSSIG:2644] Re: Repeater locations
To: aprssig@tapr.org
cc: aprssig@tapr.org
In-Reply-To: <199607020438.XAA07187@crasher2.ttgcitn.com>
Message-ID: <Pine.3.89.9607022142.C19524-01000000@bcfreenet.seflin.lib.fl.us>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

The discussion on QUITE EXACT is interesting. The only thing that would make it not exact would be the map. I believe that you could not really rely on APRS for navigation until you insure that your map is 'exact' within the APRS program.

73,

John W. Wilson, KN4HX
z004391b@bcfreenet.seflin.lib.fl.us

From largriff@onramp.net Tue Jul 02 21:26:58 1996
Received: from mailhost.onramp.net (mailhost.onramp.net [199.1.11.3]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id VAA12523 for <aprssig@tapr.org>; Tue, 2 Jul 1996 21:26:57 -0500 (CDT)
Received: from lub16.onramp.net (lub16.onramp.net [199.1.172.144]) by mailhost.onramp.net (8.7.3/8.6.5) with SMTP id VAA19846 for <aprssig@tapr.org>; Tue, 2 Jul 1996 21:26:54 -0500 (CDT)
Received: by lub16.onramp.net with Microsoft Mail id <01BB685D.22941D40@lub16.onramp.net>; Tue, 2 Jul 1996 21:26:30 -0500
Message-ID: <01BB685D.22941D40@lub16.onramp.net>
From: Larry Griffin <largriff@onramp.net>
To: "'aprssig@tapr.org'" <aprssig@tapr.org>
Subject: Shuttle APRS
Date: Tue, 2 Jul 1996 21:26:20 -0500
Encoding: 9 TEXT

Bob,

When APRS or APRTTrak is Armed in Space Mode, is it triggered by any transmission from W5RRR-1 or only packets digipeated by W5RRR-1. With all the Robot QSO connections going on, could it be that our stations are not getting triggered because we never see any digipeats?

AB5GE - Larry Griffin <largriff@onramp.net>

From ku0g@sprynet.com Tue Jul 02 23:09:26 1996
Received: from m1.sprynet.com (m1.sprynet.com [165.121.1.97]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id XAA16544 for <aprssig@tapr.org>; Tue, 2 Jul 1996 23:09:24 -0500 (CDT)
From: ku0g@sprynet.com
Received: from [199.174.157.90] (dd15-090.compuserve.com [199.174.157.90]) by m1.sprynet.com (8.6.12/8.6.12) with SMTP id VAA17451 for <aprssig@tapr.org>; Tue, 2 Jul 1996 21:07:13 -0700
Date: Tue, 2 Jul 1996 21:07:13 -0700
Message-Id: <199607030407.VAA17451@m1.sprynet.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Subject: Re: [APRSSIG:2688] Shuttle APRS
To: aprssig@tapr.org
In-Reply-To: <01BB685D.22941D40@lub16.onramp.net>

X-Mailer: SPRY Mail Version: 04.00.06.21

I suspect this is the case, Larry! With so much activity on packet uplink, I'm surprised that anybody gets through at all, much less unproto digipeats...

I'm getting up for all three morning passes tomorrow and hopefully I'll get a success bell this time!

Best 73,
Jim Duncan, KU0G
APRS--Kansas City Coordinator
EMail: ku0g@sprynet.com

From christen@codger.physics.duq.edu Wed Jul 03 00:43:33 1996
Received: from infobahn.icubed.com (infobahn.icubed.com [199.234.114.2]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id AAA27161 for <aprssig@tapr.org>; Wed, 3 Jul 1996 00:43:31 -0500 (CDT)
Received: from wm29.icubed.com by infobahn.icubed.com; (5.65/1.1.8.2/25Jun95-1044PM)
id AA08788; Wed, 3 Jul 1996 01:40:20 -0400
Sender: paul@infobahn.icubed.com
Message-Id: <31DA080F.5A9EF09F@codger.physics.duq.edu>
Date: Wed, 03 Jul 1996 01:41:35 -0400
From: "P. Christenson" <christen@codger.physics.duq.edu>
X-Mailer: Mozilla 3.0b4Gold (X11; I; Linux 1.2.13 i486)
Mime-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:2673] DFjr
References: <31D99886.665D@worldnet.att.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

William Nolle wrote:

> I learned one thing right of the bat, i needed a
> better quick reference card.
[...]
> so the first thing i did was to use Corel Draw and make one the
> way i wanted it.

Which version of Corel Draw did you use? If you can write in version 4 (or 3), I'd like to get a copy of the .CDR file itself.

If not, could you make a Postscript version available? That would probably be more useful than the .PCX version (at least a lot clearer for those of us with Postscript printers).

Thanks.

From christen@codger.physics.duq.edu Wed Jul 03 01:14:35 1996
Received: from infobahn.icubed.com (infobahn.icubed.com [199.234.114.2]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id BAA28162 for <aprssig@tapr.org>; Wed, 3 Jul 1996 01:14:33 -0500 (CDT)

Received: from wm8.icubed.com by infobahn.icubed.com;
(5.65/1.1.8.2/25Jun95-1044PM)
id AA07204; Wed, 3 Jul 1996 02:11:23 -0400
Sender: paul@infobahn.icubed.com
Message-Id: <31DA0DF3.73620269@codger.physics.duq.edu>
Date: Wed, 03 Jul 1996 02:12:38 -0400
From: "P. Christenson" <christen@codger.physics.duq.edu>
X-Mailer: Mozilla 3.0b4Gold (X11; I; Linux 1.2.13 i486)
Mime-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:2675] FM Radio on 121.6 for DFjr
References: <9607022045.AA14437@ELWOOD.pionet.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Dave Kaplan wrote:

>
> Since the DFjr want to see an FM signal I find myself wondering:
>
> 1. What will an FM receiver do to a AM ELT (Crash Beacon) signal on 121.6
> or 121.5?

The FM receiver will see it as an unmodulated carrier. It should work just fine.

> 2. Where can I find a FM receiver (built up or a kit) that will tune for
> 121.5/121.6?

Some of the recent HTs (and mobile rigs) will tune down to the aircraft band without any problem. Some of them go to AM mode; however, some can disable that switch to AM, leaving the rig in FM. (I believe the Standard C508 is like this, and costs less than the DFjr.)

A cheaper possibility is to pick up a crystal controlled scanner at the next hamfest. Most "high band" scanners should not have any problem with air band frequencies.

I don't know if any of the Ramsey kits will go that low. Their FR-146 receiver is listed for 130-180 MHz; maybe a component swap (or an extra turn on a coil) will put it into the 120 range. I've found that if you catch one of the techs at a hamfest, they'll tell you exactly what you need to do to modify the kit. A crystal change in the synthesizer for their 2m transceiver kit should also do the trick.. and still allow operation on 2m.

Just some ideas... and getting the antennas put on a CAP plane should be no trouble at all.

From N5RKN@aol.com Wed Jul 03 01:18:55 1996
Received: from emout15.mail.aol.com (emout15.mx.aol.com [198.81.11.41]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id BAA28484 for <aprssig@tapr.org>; Wed, 3 Jul 1996 01:18:53 -0500 (CDT)
From: N5RKN@aol.com
Received: by emout15.mail.aol.com (8.6.12/8.6.12) id CAA22490 for

aprssig@tapr.org; Wed, 3 Jul 1996 02:19:16 -0400
Date: Wed, 3 Jul 1996 02:19:16 -0400
Message-ID: <960703021916_569078005@emout15.mail.aol.com>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:2677] APRS Sarex report (10)

Gee, Bob.... don't we get any credit down here in West Texas for the shuttle copy we got on the 26th? Per msg sent your way..

Robert

From bruninga@nadm.navy.mil Wed Jul 03 01:28:05 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id BAA28787 for <aprssig@tapr.org>; Wed, 3 Jul 1996 01:28:04 -0500 (CDT)
Received: (from bruninga@localhost) by arctic.nadm.navy.mil (8.6.12/8.6.12) id CAA18554; Wed, 3 Jul 1996 02:29:03 -0400
Date: Wed, 3 Jul 1996 02:29:03 -0400 (EDT)
From: Bob Bruninga <bruninga@nadm.navy.mil>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:2678] SAREX
In-Reply-To: <31D9949E.7016@slkc.uswest.net>
Message-ID: <Pine.SUN.3.91.960703022653.18529B@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 2 Jul 1996, Doug Wetzel wrote:

> Late update on the 021722Z Pass
>
> Eight or ten packets heard at various times (this was a low el pass, <5
> deg), but too noisy to decode. No voice on this pass.

APRSDOS REPLY COMMENT: If it was SAREX then it would have been bursts of packets every 3 seconds. It has a rythm. Unless you heard that rythm, then the packets you heard could have been someone using the wrong offset or weak intermod? Unless you are convinced it was the shuttle, Id prefer to not list it.

de wb4apr@amsat.org

From bruninga@nadm.navy.mil Wed Jul 03 01:39:46 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id BAA29212 for <aprssig@tapr.org>; Wed, 3 Jul 1996 01:39:44 -0500 (CDT)
Received: (from bruninga@localhost) by arctic.nadm.navy.mil (8.6.12/8.6.12) id CAA18609; Wed, 3 Jul 1996 02:40:44 -0400
Date: Wed, 3 Jul 1996 02:40:44 -0400 (EDT)
From: Bob Bruninga <bruninga@nadm.navy.mil>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:2688] Shuttle APRS
In-Reply-To: <01BB685D.22941D40@lub16.onramp.net>
Message-ID: <Pine.SUN.3.91.960703023814.18529C-100000@arctic>
MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 2 Jul 1996, Larry Griffin wrote:

> When APRS or APRTrak is Armed in Space Mode, is it triggered by _any_
> transmission from W5RRR-1 or only packets _digipeated_ by W5RRR-1.
ANSWER *** Only packets ORIGINATED by W5RRR-1

> all the Robot QSO connections going on, could it be that our stations are
> not getting triggered because we never see any digipeats?

APRSDOS REPLY COMMENT: Nope, the opposite. If we ever got 100% of all
SAREX users to use APRS, then we WOULD have a problem, since everyone's
APRS would not trigger until the W5RRR-1 eventually sent its BEACON TEXT.

de wb4apr@amsat.org

From bruninga@nadn.navy.mil Wed Jul 03 01:43:48 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id BAA29408 for <aprssig@tapr.org>; Wed, 3
Jul 1996 01:43:46 -0500 (CDT)
Received: (from bruninga@localhost) by arctic.nadn.navy.mil (8.6.12/8.6.12) id
CAA18623; Wed, 3 Jul 1996 02:44:45 -0400
Date: Wed, 3 Jul 1996 02:44:45 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
To: aprssig@tapr.org
Subject: Bill Made it in spades!
Message-ID: <Pine.SUN.3.91.960703024207.18529D-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Looks like we finally got our confirmation of Bills' UPLINKS! and he got
more APRS posits through in one pass than have been reported on all other
passes combined. hi hi

de wb4apr@amsat.org

----- Forwarded message -----
Date: Wed, 3 Jul 1996 01:59:09 -0400
From: kc4nhb@iu.net
To: Bob Bruninga <bruninga@nadn.navy.mil>
Subject: Re: APRS Sarex report

I copied the following aprs packets at my home qth in Vero Beach, FL (EL97sn).
All times are UTC.

02-Jul-96 15:57:48 WA8INZ>W5RRR-1*>EM64SX <UI>:
@021000/3458.49N/08629.87W/Bill's Laptop Doppler..

02-Jul-96 15:57:59 WA8INZ>W5RRR-1*>EM64SX <UI>:
Bill,Hazel Green,AL v76..

02-Jul-96 15:57:59 WA8INZ>W5RRR-1*>EM64SX <UI>:

@021000/3458.49N/08629.87W/Bill's Laptop Doppler..

02-Jul-96 15:58:30 WA8INZ>W5RRR-1*>EM64SX <UI>:
Bill,Hazel Green,AL v76..

73 de Roger Snyder, KC4NHB
Internet: kc4nhb@iu.net
AX.25 packet: KC4NHB @ N4XE0.#FTP.FL.USA.NOAM
Satellite: KC4NHB @ K0-23 or K0-25

From bruninga@nadn.navy.mil Wed Jul 03 01:49:45 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id BAA29750 for <aprssig@tapr.org>; Wed, 3
Jul 1996 01:49:44 -0500 (CDT)
Received: (from bruninga@localhost) by arctic.nadn.navy.mil (8.6.12/8.6.12) id
CAA18643; Wed, 3 Jul 1996 02:50:43 -0400
Date: Wed, 3 Jul 1996 02:50:43 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
To: aprssig@tapr.org
cc: amsat-bb@amsat.org
Subject: APRTRAK6.zip
Message-ID: <Pine.SUN.3.91.960703024514.18529E@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

The latest version of APRtrak6 is posted for ftp from tapr.org. You will
find it in the tapr/SIG/aprssig/files/upload area.

It brings aprtrak up to about the equivalent of aprs76e which many of us
are using already on this mission. I will post more about it tomorrow.

A few of you volunteered to beta test it, so that is the purpose of
posting it. If it looks good, then I will post it on the AMSAT site...

de wb4apr@amsat.org

From byoung@qni.com Wed Jul 03 04:58:18 1996
Received: from qni.com (root@qni.com [206.29.114.4]) by tapr.org (8.7.5/8.7.3/1.9)
with SMTP id EAA04799 for <aprssig@tapr.org>; Wed, 3 Jul 1996 04:58:17 -0500 (CDT)
From: byoung@qni.com
Received: from 206.29.114.22 (s22.qni.com) by qni.com (5.x/SMI-SVR4)
id AA18481; Wed, 3 Jul 1996 04:59:02 -0500
Date: Wed, 3 Jul 1996 04:59:01 -0500
Message-Id: <9607030959.AA18481@qni.com>
Mime-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Subject: "CONGRATS!!!!..." message on 0430CDT shuttle pass.
To: aprssig@tapr.org
X-Mailer: SPRY Mail Version: 04.00.06.17

Fellow APRS/SAREX people,

It's 0450CDT. My station has just finished beeping at me! I woke up (so did my wife, and I'll hear about that later I'm sure...), ran in, and starting (X)mitting (B)eacons just to "make sure".

Bottom Line: I have received my *THIRD* "CONGRATS!!!" message!
CHECK YOUR "LOGS"! *SOMEBODY* tell me they saw my beacon on this
pass!

I'll submit a full "contact report" later, I'm going back to bed till the next pass...

Bill Young
byoung@qni.com
KB0UZ0

From mheskett@StarText.NET Wed Jul 03 06:29:57 1996
Received: from lepton.starttext.net (lepton.starttext.net [205.172.60.12]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id GAA07858 for <aprssig@tapr.org>; Wed, 3
Jul 1996 06:29:54 -0500 (CDT)
Received: from DEFAULT (starttext.net [205.172.60.10]) by lepton.starttext.net
(8.7.1/8.7.1) with SMTP id GAA25481 for <aprssig@tapr.org>; Wed, 3 Jul 1996
06:30:52 -0500 (CDT)
Date: Wed, 3 Jul 1996 06:30:52 -0500 (CDT)
Message-Id: <199607031130.GAA25481@lepton.starttext.net>
X-Sender: mheskett@mail.starttext.net
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: Mike Heskett <mheskett@StarText.NET>
Subject: SAREX

This morning at 0430 CDT (0930Z) I copied packet Shuttles QSOs # 889 - 893, PLUS the following packet

KC5EJK>APRS,W5RRR-1*: [EM12ou]

The next pass at 0607 CDT (1107 Z) I heard some packet, but did not decode.

```
====/====/====/====/====/====/====/====/====/====/====/====/====/====/====/====/====/
Mike Heskett      email      mheskett@startext.net
WB5QLD            packet     WB5QLD@W05H.#DFW.TX.USA.NOAM
Hurst, TX
0-
```

From largriff@onramp.net Wed Jul 03 06:44:37 1996
Received: from mailhost.onramp.net (mailhost.onramp.net [199.1.11.3]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id GAA08265 for <aprssig@tapr.org>; Wed, 3 Jul 1996 06:44:36 -0500 (CDT)
Received: from larry.onramp.net (lub04.onramp.net [199.1.172.132]) by mailhost.onramp.net (8.7.3/8.6.5) with SMTP id GAA23121 for <aprssig@tapr.org>;

Wed, 3 Jul 1996 06:44:34 -0500 (CDT)
Received: by larry.onramp.net with Microsoft Mail
id <01BB68AB.08DB32A0@larry.onramp.net>; Wed, 3 Jul 1996 06:44:08 -0500
Message-ID: <01BB68AB.08DB32A0@larry.onramp.net>
From: Larry Griffin <largriff@onramp.net>
To: "'aprssig@tapr.org'" <aprssig@tapr.org>
Subject: Shuttle Pass Results
Date: Wed, 3 Jul 1996 06:44:04 -0500
Encoding: 9 TEXT

Copied during one of the overnight (morning of 7/3/96) passes over Lubbock TX.

W5RRR-1>KK5XJ:#888-is your STS-78 SAREX QSO number.
W5RRR-1>KK5XJ:#889-is your STS-78 SAREX QSO number.
W5RRR-1>K0RZ:#891-is your STS-78 SAREX QSO number.

KC5EJK>APRS,W5RRR-1*: [EM12ou]

AB5GE - Larry Griffin <largriff@onramp.net>

From 100341.640@CompuServe.COM Wed Jul 03 06:55:33 1996
Received: from dub-img-2.compuserve.com (dub-img-2.compuserve.com
[149.174.206.132]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id GAA08714 for
<aprssig@tapr.org>; Wed, 3 Jul 1996 06:55:32 -0500 (CDT)
Received: by dub-img-2.compuserve.com (8.6.10/5.950515)
id HAA04702; Wed, 3 Jul 1996 07:55:01 -0400
Date: 03 Jul 96 07:53:42 EDT
From: Antonio Fernandez <100341.640@CompuServe.COM>
To: "INTERNET:aprssig@tapr.org" <aprssig@tapr.org>
Subject: Re: GPS-20
Message-ID: <960703115341_100341.640_EHQ45-1@CompuServe.COM>

Hi

In response to Bob's request:

I use my GPS-20 for TAC application with no problems, it locks in after
a few minutes even with not very good visibility (usually 3 or four sats,
3-D or 2-D fix).

It takes a few minutes before the DCD 1pps signal is detected by the
computer (when running Showtime).

Haven't tested it in mobile apps. I will use the LCD display for the latter.

Best 73 de Toni, ea4le

From ke4eer@worldnet.att.net Wed Jul 03 06:59:37 1996
Received: from mailhost.worldnet.att.net (mailhost.worldnet.att.net
[204.127.129.4]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id GAA08767 for
<aprssig@tapr.org>; Wed, 3 Jul 1996 06:59:35 -0500 (CDT)
Received: by mailhost.worldnet.att.net (SMI-8.6/SMI-SVR4)
id LAA16220; Wed, 3 Jul 1996 11:59:03 GMT
Received: from 193.dallas-1.tx.dial-access.att.net(199.69.132.193)
by mailhost.worldnet.att.net with SMTP
id A16179; Wed Jul 3 11:58:43 1996
Message-ID: <31DA7C8B.C41@worldnet.att.net>
Date: Wed, 03 Jul 1996 06:58:35 -0700

From: William Nolle <ke4eer@worldnet.att.net>
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:2695] Bill Made it in spades!
References: <Pine.SUN.3.91.960703024207.18529D-100000@arctic>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bob Bruninga wrote:

>
> Looks like we finally got our confirmation of Bills' UPLINKS! and he got
> more APRS posits through in one pass than have been reported on all other
> passes combines. hi hi
>
> de wb4apr@amsat.org
>
> ----- Forwarded message -----
> Date: Wed, 3 Jul 1996 01:59:09 -0400
> From: kc4nhb@iu.net
> To: Bob Bruninga <bruninga@nadn.navy.mil>
> Subject: Re: APRS Sarex report
>
> I copied the following aprs packets at my home qth in Vero Beach, FL (EL97sn).
> All times are UTC.
>
> 02-Jul-96 15:57:48 WA8INZ>W5RRR-1*>EM64SX <UI>:
> @021000/3458.49N/08629.87W/Bill's Laptop Doppler..
>
> 02-Jul-96 15:57:59 WA8INZ>W5RRR-1*>EM64SX <UI>:
> Bill,Hazel Green,AL v76..
>
> 02-Jul-96 15:57:59 WA8INZ>W5RRR-1*>EM64SX <UI>:
> @021000/3458.49N/08629.87W/Bill's Laptop Doppler..
>
> 02-Jul-96 15:58:30 WA8INZ>W5RRR-1*>EM64SX <UI>:
> Bill,Hazel Green,AL v76..
>
> 73 de Roger Snyder, KC4NHB
> Internet: kc4nhb@iu.net
> AX.25 packet: KC4NHB @ N4XEO.#FTP.FL.USA.NOAM
> Satellite: KC4NHB @ KO-23 or KO-25

Thank you Roger. Well i don't understand this satellite packet i guess. I used my laptop for the first time to do this so i could watch the shuttle using Traksat, but i could just barely hear the packet that pass. In fact i didn't see any packet bracons from anyone else. (Strange stuff Hi). Well Bob what better way to advertise my new (old) call Hi.

--

Bill WA8INZ
ke4eer@worldnet.att.net
ke4eer@amsat.org

From dwetzel@slkc.uswest.net Wed Jul 03 07:17:59 1996
Received: from slkc1.slk.uswest.net (slkc1.slk.uswest.net [206.81.128.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id HAA09535 for <aprssig@tapr.org>; Wed, 3 Jul 1996 07:17:57 -0500 (CDT)
Received: from 70571,3005.compuserve.com (dialup23.slk.uswest.net [206.81.128.32]) by slkc1.slk.uswest.net (8.6.12/8.6.12) with SMTP id GAA23545 for <aprssig@tapr.org>; Wed, 3 Jul 1996 06:17:55 -0600
Message-ID: <31DA64F3.17FE@slkc.uswest.net>
Date: Wed, 03 Jul 1996 06:17:55 -0600
From: Doug Wetzel <dwetzel@slkc.uswest.net>
X-Mailer: Mozilla 2.01 (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:2693] Re: SAREX
References: <Pine.SUN.3.91.960703022653.18529B@arctic>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

> then the packets you heard could have been someone using the wrong offset
> or weak intermod? Unless you are convinced it was the shuttle, I'd prefer
> to not list it.
>
> de wb4apr@amsat.org

I can't vouch for the rhythm - I don't have intermod on the downlink, but I have heard the wrong offset. Of course, it could have been the enormous mother ship that caused the massive power outage here in the west <big g!>

Doug
KC7CO

From ke4eer@worldnet.att.net Wed Jul 03 07:18:01 1996
Received: from mailhost.worldnet.att.net (mailhost.worldnet.att.net [204.127.129.4]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id HAA09544 for <aprssig@tapr.org>; Wed, 3 Jul 1996 07:17:59 -0500 (CDT)
Received: by mailhost.worldnet.att.net (SMI-8.6/SMI-SVR4) id MAA22028; Wed, 3 Jul 1996 12:17:26 GMT
Received: from 193.dallas-1.tx.dial-access.att.net(199.69.132.193) by mailhost.worldnet.att.net with SMTP id A21980; Wed Jul 3 12:17:05 1996
Message-ID: <31DA80D1.6242@worldnet.att.net>
Date: Wed, 03 Jul 1996 07:16:49 -0700
From: William Nolle <ke4eer@worldnet.att.net>
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:2690] Re: DFjr
References: <31DA080F.5A9EF09F@codger.physics.duq.edu>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

P. Christenson wrote:

>
> William Nolle wrote:
>
> > I learned one thing right of the bat, i needed a
> > better quick reference card.
> [...]
> > so the first thing i did was to use Corel Draw and make one the
> > way i wanted it.
>
> Which version of Corel Draw did you use? If you can write in version 4 (or 3),
> I'd like to get a copy of the .CDR file itself.
>
> If not, could you make a Postscript version available? That would probably be
> more useful than the .PCX version (at least a lot clearer for those of us with
> Postscript printers).
>
> Thanks.

Well i don't really know what version i have, that may sound strange but it's on a
486/33 that i haven't used for a long time. Yes i can output the postscript
version. Mine are perfectly clear and crisp printed on my LJ4 on heavy business
card stock then laminated. I may as well upload a zip file with all common file
formats (The files are not that big).

--

Bill WA8INZ
ke4eer@worldnet.att.net
ke4eer@amsat.org

From dwetzel@slkc.uswest.net Wed Jul 03 07:46:17 1996
Received: from slkc1.slk.uswest.net (slkc1.slk.uswest.net [206.81.128.1]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id HAA10859 for <aprssig@tapr.org>; Wed, 3
Jul 1996 07:46:16 -0500 (CDT)
Received: from 70571,3005.compuserve.com (dialup23.slk.uswest.net
[206.81.128.32]) by slkc1.slk.uswest.net (8.6.12/8.6.12) with SMTP id GAA23684
for <aprssig@tapr.org>; Wed, 3 Jul 1996 06:46:14 -0600
Message-ID: <31DA6B95.6BF6@slkc.uswest.net>
Date: Wed, 03 Jul 1996 06:46:13 -0600
From: Doug Wetzel <dwetzel@slkc.uswest.net>
X-Mailer: Mozilla 2.01 (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:2649] SAREX
References: <31D91388.41A1@slkc.uswest.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

031234Z Pass

Many packets from Columbia, too noisy to decode in part due to a local
on the downlink freq at closest approach. @#\$\$@*%&#!

Doug
KC7CO

From Ian.Lewis@cl.cam.ac.uk Wed Jul 03 07:51:26 1996
Received: from heaton.cl.cam.ac.uk (exim@heaton.cl.cam.ac.uk [128.232.0.11]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id HAA11224 for <aprssig@tapr.org>; Wed, 3 Jul 1996 07:51:24 -0500 (CDT)
Received: from cl.cam.ac.uk [128.232.1.80] (ijl20) by heaton.cl.cam.ac.uk with esmtp (Exim 0.52 #1) id E0ubR0p-0000n5-00; Wed, 3 Jul 1996 13:51:19 +0100
To: aprssig@tapr.org
Subject: Position tracking multiple gliders - what technology?
Date: Wed, 03 Jul 1996 13:51:17 +0100
From: Ian Lewis <Ian.Lewis@cl.cam.ac.uk>
Message-Id: <E0ubR0p-0000n5-00@heaton.cl.cam.ac.uk>

As a new joiner of this SIG (and swamped by the volume...) could someone be kind enough to describe the basics of a simple configuration to track multiple gliders in flight back to a ground-station?

GPS has now become standard for pilots in gliding competitions, and we log the tracks to dataloggers for subsequent analysis for confirmation of the turnpoints being rounded and calculation of the round-trip speed.

It seems likely that we will progress to a radio-based real-time tracking method when that becomes feasible.

We can have 40-50 gliders in a competition, flying at groundspeeds up to 150mph, on tasks taking them 100 miles from the home airfield (and back).

I've seen something of the bits that would go in each glider (GPS + NMEA i/f, KPC-3, radio) but am clueless as to the hardware/software configuration back at base. Would we have to dedicate a frequency to this use, if so how often could we record the position of each glider? For other than spectating use we need a fix every 10 seconds, but this can be buffered up if necessary.

The GPS/KPC-3/radio combination is a bit awkward - can you get this stuff combined into one (cheap) unit?

Eagerly awaiting any advice,
Ian
Glider pilot B21, in Cambridge, England.
email: ijl20@cl.cam.ac.uk

From ke4eer@worldnet.att.net Wed Jul 03 07:57:46 1996
Received: from mailhost.worldnet.att.net (mailhost.worldnet.att.net [204.127.129.4]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id HAA11479 for <aprssig@tapr.org>; Wed, 3 Jul 1996 07:57:45 -0500 (CDT)
Received: by mailhost.worldnet.att.net (SMI-8.6/SMI-SVR4) id MAA05438; Wed, 3 Jul 1996 12:57:12 GMT
Received: from 3.middletown-57.va.dial-access.att.net(207.116.6.3) by mailhost.worldnet.att.net with SMTP id A5358; Wed Jul 3 12:57:00 1996
Message-ID: <31DA8A37.3F3D@worldnet.att.net>
Date: Wed, 03 Jul 1996 07:56:55 -0700

From: William Nolle <ke4eer@worldnet.att.net>
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: This last pass
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Well the pass that just went by (#th one i guess) was sleeping the first two. This one i again used my laptop but changed the Doppler thing hi was very very strong in fact full scale on my Alinco DR130 and i heard packet trough it's whole footprint. I bet someone must have seen me on this pass. I must be having a problem running in space mode on the laptop because i didn't even see one beacon in the H,V,P,A list at all?.

--

Bill WA8INZ
ke4eer@worldnet.att.net
ke4eer@amsat.org

From jratchf@bulldog.afsc.k12.ar.us Wed Jul 03 08:08:47 1996
Received: from bulldog.afsc.k12.ar.us (root@[170.211.157.174]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id IAA12076 for <aprssig@tapr.org>; Wed, 3 Jul 1996 08:08:44 -0500 (CDT)
Received: from jratchf.bulldog.afsc.k12.ar.us (slip2.afsc.k12.ar.us [170.211.157.176]) by bulldog.afsc.k12.ar.us (8.6.11/8.6.9) with SMTP id IAA09065 for <aprssig@tapr.org>; Wed, 3 Jul 1996 08:08:43 -0500
Message-Id: <199607031308.IAA09065@bulldog.afsc.k12.ar.us>
From: "J. Scott Ratchford, KC5JGV" <jratchf@bulldog.afsc.k12.ar.us>
To: <aprssig@tapr.org>
Subject: Re: [APRSSIG:2673] DFjr
Date: Wed, 3 Jul 1996 07:59:36 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1085
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

>Now the part that i always have problems with GPS, TNC, Laptop combination.

> --

> Bill WA8INZ
> ke4eer@worldnet.att.net
> ke4eer@amsat.org

Been there, done that, tripped over all the wires, and still got the t-shirt!

Shout if'n ya need help.

--

KC5JGV
Marshall, Arkansas

From jratchf@bulldog.afsc.k12.ar.us Wed Jul 03 08:08:55 1996
Received: from bulldog.afsc.k12.ar.us (root@[170.211.157.174]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id IAA12097 for <aprssig@tapr.org>; Wed, 3 Jul 1996
08:08:47 -0500 (CDT)
Received: from jratchf.bulldog.afsc.k12.ar.us (slip2.afsc.k12.ar.us
[170.211.157.176]) by bulldog.afsc.k12.ar.us (8.6.11/8.6.9) with SMTP id IAA09067
for <aprssig@tapr.org>; Wed, 3 Jul 1996 08:08:45 -0500
Message-Id: <199607031308.IAA09067@bulldog.afsc.k12.ar.us>
From: "J. Scott Ratchford, KC5JGV" <jratchf@bulldog.afsc.k12.ar.us>
To: <aprssig@tapr.org>
Subject: Re: [APRSSIG:2675] FM Radio on 121.6 for DFjr
Date: Wed, 3 Jul 1996 08:01:25 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1085
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

> From: Dave Kaplan <dkaplan@pionet.net>
> To: aprssig@tapr.org
> Subject: [APRSSIG:2675] FM Radio on 121.6 for DFjr
> Date: Tuesday, July 02, 1996 3:57 PM
>
> Since the DFjr want to see an FM signal I find myself wondering:
>
> 1. What will an FM receiver do to a AM ELT (Crash Beacon) signal on
121.6
> or 121.5?
>
> 2. Where can I find a FM receiver (built up or a kit) that will tune
for
> 121.5/121.6?
>
> I want to use the DFjr in conjunction with APRS to hunt ELT signals with
> Civil Air Patrol. Now I just need to find a way to attach that antenna
set
> to an airplane!
>
> Dave

I use a Radio Shack scanner. The thing works just fine.

--
KC5JGV
Marshall, Arkansas

From jratchf@bulldog.afsc.k12.ar.us Wed Jul 03 08:08:56 1996
Received: from bulldog.afsc.k12.ar.us (root@[170.211.157.174]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id IAA12110 for <aprssig@tapr.org>; Wed, 3 Jul 1996
08:08:54 -0500 (CDT)
Received: from jratchf.bulldog.afsc.k12.ar.us (slip2.afsc.k12.ar.us

[170.211.157.176]) by bulldog.afsc.k12.ar.us (8.6.11/8.6.9) with SMTP id IAA09070 for <aprssig@tapr.org>; Wed, 3 Jul 1996 08:08:46 -0500
Message-Id: <199607031308.IAA09070@bulldog.afsc.k12.ar.us>
From: "J. Scott Ratchford, KC5JGV" <jratchf@bulldog.afsc.k12.ar.us>
To: <aprssig@tapr.org>
Subject: Re: [APRSSIG:2680] Ultimeter
Date: Wed, 3 Jul 1996 08:02:39 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1085
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

> From: Tony Drumm <tdrumm@sparc.isl.net>
> To: aprssig@tapr.org
> Subject: [APRSSIG:2680] Ultimeter
> Date: Tuesday, July 02, 1996 5:15 PM
>
> Where are the best places to purchase an Ultimeter II?
>
> Tony Drumm
> Rochester, MN
> internet: tdrumm@isl.net
> Packet: aa0sm@wd0gnk.#seml.mn.usa.na

They take orders direct. I don't have the number here, but you can find it in the back of any Popular Mechanics/Science Magazine.

--
KC5JGV
Marshall, Arkansas

From jratchf@bulldog.afsc.k12.ar.us Wed Jul 03 08:12:16 1996
Received: from bulldog.afsc.k12.ar.us (root@[170.211.157.174]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id IAA12164 for <aprssig@tapr.org>; Wed, 3 Jul 1996 08:12:13 -0500 (CDT)
Received: from jratchf.bulldog.afsc.k12.ar.us (slip2.afsc.k12.ar.us [170.211.157.176]) by bulldog.afsc.k12.ar.us (8.6.11/8.6.9) with SMTP id IAA09135 for <aprssig@tapr.org>; Wed, 3 Jul 1996 08:12:12 -0500
Message-Id: <199607031312.IAA09135@bulldog.afsc.k12.ar.us>
From: "J. Scott Ratchford, KC5JGV" <jratchf@bulldog.afsc.k12.ar.us>
To: "aprssig taprorg" <aprssig@tapr.org>
Subject: 4th of July
Date: Wed, 3 Jul 1996 08:12:02 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1085
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1

Content-Transfer-Encoding: 7bit

I hope everyone enjoys themselves during tomorrows birthday celebration.
Keep yourself and your family safe by driving slow!
Be carefull of the dry grass when you shoot the fireworks.
And most of all, have FUN!

--

KC5JGV

Marshall, Arkansas

From Clarke_Tom%PAX6@mr.nawcad.navy.mil Wed Jul 03 08:53:52 1996

Received: from paxmb1.nawcad.navy.mil (paxmb1.nawcad.navy.mil [140.229.16.60]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id IAA14772 for <aprssig@tapr.org>; Wed, 3 Jul 1996 08:53:49 -0500 (CDT)

From: Clarke_Tom%PAX6@mr.nawcad.navy.mil

Received: from MR.NAWCAD.NAVY.MIL by PAXMB1.NAWCAD.NAVY.MIL (PMDF V5.0-5 #5358) id <01I6MQWDIZ0G0028DM@PAXMB1.NAWCAD.NAVY.MIL> for aprssig@tapr.org; Wed, 03 Jul 1996 09:37:02 -0400 (EDT)

Received: with PMDF-MR; Wed, 03 Jul 1996 08:56:00 -0400 (EDT)

MR-Received: by mta PAXMB1; Relayed; Wed, 03 Jul 1996 09:36:55 -0400

Alternate-recipient: prohibited

Date: Wed, 03 Jul 1996 08:56:00 -0400 (EDT)

Subject: RE: [APRSSIG:2685] Re: reply to FM Radio

To: aprssig@tapr.org

Message-id: <PAX6/A0025861/P04/PAXMB1*@MHS>

MIME-version: 1.0

Content-type: TEXT/PLAIN; CHARSET=US-ASCII

Content-transfer-encoding: 7BIT

Posting-date: Wed, 03 Jul 1996 08:56:00 -0400 (EDT)

Importance: normal

Priority: normal

X400-MTS-identifier: [;PAX6/A0025861/P04/PAXMB1]

A1-type: MAIL

Hop-count: 1

Whoa!! Don't drill any holes yet! The FAA (Friendly Aviation Admin!) has some pretty firm ideas about who and what can be done to a certificated wind wagon (aircraft)

. Get together with a licenced A&P mechanic or talk with your local Flight Standards District Office (FSDO) to find out the proper path. It can be done, but must be approved and the airworthiness of the flying machine not be compromised.

Tom Clarke

clarke_tom%pax6@mr.nawcad.navy.mil

|From: "aprssig@tapr.org"@PMDf@PAXMB1

|To: clarke tom; "aprssig@tapr.org"@PMDf@PAXMB1

|Subject: [APRSSIG:2685] Re: reply to FM Radio on

|Date: Tuesday, July 02, 1996 8:57PM

|

|<<File Attachment: 00000000.TXT>>

| Claude 995-5040 pager 4541 wrote:

|>

|> Dave Kaplan says:

|>

|> > Since the DFjr want to see an FM signal I find myself wondering:

|>

|> > 1. What will an FM receiver do to a AM ELT (Crash Beacon) signal on 121.6

|> > or 121.5?

|>

|> > 2. Where can I find a FM receiver (built up or a kit) that will tune for

|> > 121.5/121.6?

|>

|> > I want to use the DFjr in conjunction with APRS to hunt ELT signals with

|> > Civil Air Patrol. Now I just need to find a way to attach that antenna set

|> > to an airplane!

|>

|> > Dave

|>

|> Dave:

|> 1. The DFjr makes its own FM from the signal as a consequence of the pseudo rotation of the receiving antenna. This is independent of the modulation on the original signal.

|>

|> 2. Looks like just putting a mixing element between the DFjr antenna and ordinary amateur 2 meter receiver and injecting a signal of about 25 Mhz would produce a frequency component right in the middle of the

2

|> meter band. (121.5 Mhz + 25 Mhz = 146.5 Mhz) This signal would carry all the information present in the original signal.

|>

|> 3. Might have to extend the length of the DFjr antenna X arms and the length of the whips to work properly at 121.5 Mhz.

|>

|> 4. Probably need to get Joe Agrelo to comment on all the above suggestions

|> just to be sure!

|>

|> 5. Don't have any suggestions about mounting the antennas on an airplane!

|>

|> 73 Claude

|> K5DTN

|

|

| We are currently testing an AM man overboard system to be used with the DFjr.

| Testing will start after the holiday weekend, and then we will try to make a

| modification to support this feature. How this feature will be implemented is yet to be determined. Please be patient and we will let you know as soon

From ke4eer@worldnet.att.net Wed Jul 03 08:59:14 1996
Received: from mailhost.worldnet.att.net (mailhost.worldnet.att.net
[204.127.129.4]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id IAA14956 for
<aprssig@tapr.org>; Wed, 3 Jul 1996 08:59:12 -0500 (CDT)
Received: by mailhost.worldnet.att.net (SMI-8.6/SMI-SVR4)
id NAA00553; Wed, 3 Jul 1996 13:58:40 GMT
Received: from 74.dallas-1.tx.dial-access.att.net(199.69.132.74)
by mailhost.worldnet.att.net with SMTP
id A486; Wed Jul 3 13:58:15 1996
Message-ID: <31DA988E.6994@worldnet.att.net>
Date: Wed, 03 Jul 1996 08:58:06 -0700
From: William Nolle <ke4eer@worldnet.att.net>
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:2707] Re: DFjr
References: <199607031308.IAA09065@bulldog.afsc.k12.ar.us>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

J. Scott Ratchford, KC5JGV wrote:

>
> >Now the part that i always have problems with GPS, TNC, Laptop
> combination.
> > --
> > Bill WA8INZ
> > ke4eer@worldnet.att.net
> > ke4eer@amsat.org
>
> Been there, done that, tripped over all the wires, and still got the
> t-shirt!
>
> Shout if'n ya need help.
> --
> KC5JGV
> Marshall, Arkansas

Thanks Scott, yes i'm going to need help for sure. Never could get anyone
to answer me on how APRS is setup for that since that's all i will use
the laptop for (Well almost). People seam to forget when you get older
things don't come as easy as when your 18-30!. And what may forget is
that we all go trough this you can be assured of that. Many tough feel
they have to flame those people or tell them it's all in the doc's. Well
better get off that topic or my mailbox will be full of fire again Hi.
Thanks again Scott.

--
Bill WA8INZ
ke4eer@worldnet.att.net
ke4eer@amsat.org

From wa4dsy@wa4dsy.radio.org Wed Jul 03 09:18:02 1996
Received: from smtp-gw01.ny.us.ibm.net (smtp-gw01.ny.us.ibm.net [165.87.194.252])

by tapr.org (8.7.5/8.7.3/1.9) with SMTP id JAA16048 for <aprssig@tapr.org>; Wed, 3 Jul 1996 09:17:59 -0500 (CDT)
Received: (from uucp@localhost) by smtp-gw01.ny.us.ibm.net (8.6.9/8.6.9) id OAA58799 for <aprssig@tapr.org>; Wed, 3 Jul 1996 14:17:55 GMT
Message-Id: <199607031417.OAA58799@smtp-gw01.ny.us.ibm.net>
Received: from wa4dsy-1.wa4dsy.radio.org(206.28.196.146) by smtp-gw01.ny.us.ibm.net via smap (V1.3mjr)
id smaTIYDFW; Wed Jul 3 14:17:46 1996
Date: Wed, 03 Jul 96 10:17:42 EDT
From: wa4dsy@wa4dsy.radio.org (Dale Heatherington)
Reply-To: wa4dsy@wa4dsy.radio.org (Dale Heatherington)
To: aprssig@tapr.org
X-Mailer: Dale Heatherington's PMMail v1.1
Subject: Re: [APRSSIG:2700] Re: GPS-20

I have 3 GPS-20 units from TAPR.

Here are the results. All used the same power supply (5.02 volts) and antenna (garmin active antenna). When locked, signal level is 1/2 to 2/3 scale.

1. Locked after about 25 minutes the first time.
After being off for several days it took over an hour to relock.
After being off for 15 hours it relocked in less than 3 minutes!
In short, it's inconsistent.
2. Initial lock took over 2 hours.
After being off overnight it locked in less than 2 minutes.
3. Never got initial lock after 15 hours. No signal from any satellite.

Do these things have any controls to tweek?

Dale Heatherington, WA4DSY
e-mail - wa4dsy@wa4dsy.radio.org
Web page - <http://www.wa4dsy.radio.org>
This message brought to you by OS/2 Warp Connect.

From ad4bl@juno.com Wed Jul 03 09:28:15 1996
Received: from x4.boston.juno.com (x4.boston.juno.com [205.231.101.22]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA16862 for <aprssig@tapr.org>; Wed, 3 Jul 1996 09:28:14 -0500 (CDT)
Received: (from ad4bl@juno.com) by x4.boston.juno.com (queuemail)
id KAA21824; Wed, 03 Jul 1996 10:28:12 EDT
To: aprssig@tapr.org

Date: Wed, 3 Jul 1996 09:27:31 PST
Subject: Sarex
Message-ID: <19960703.092739.2646.2.ad4bl@juno.com>
X-Mailer: Juno 1.00
X-Juno-Line-Breaks: 1-5
From: ad4bl@juno.com (Linda G Mullen)

I copied pass of Columbia 14:18-14:20z at my location
3013.81n/08540.35w
this was a voice pass very clear. The speaker was the Canadian VE3CSA
speaking in French

Linda AD4BL

From Paul_Moller@csg.mot.com Wed Jul 03 09:34:52 1996
Received: from motgate2.mot.com (motgate2.mot.com [129.188.136.20]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id JAA17188 for <aprssig@tapr.org>; Wed, 3 Jul 1996
09:34:50 -0500 (CDT)
Received: from pobox.mot.com (pobox.mot.com [129.188.137.100]) by motgate2.mot.com
(8.7.3/8.6.10/MOT-3.8) with ESMTP id OAA14480 for <aprssig@tapr.org>; Wed, 3 Jul
1996 14:32:02 GMT
Received: from OAMPC10.csg.mot.com (OAMPC10.csg.mot.com [144.188.134.33]) by
pobox.mot.com (8.7.3/8.6.10/MOT-3.8) with SMTP id JAA15354 for <aprssig@tapr.org>;
Wed, 3 Jul 1996 09:34:16 -0500 (CDT)
Received: from PaulM_PC.csg.mot.com (PaulM_PC.csg.mot.com [144.188.36.8]) by
OAMPC10.csg.mot.com (8.6.8.1/8.6.6) with SMTP id JAA02108 for <aprssig@tapr.org>;
Wed, 3 Jul 1996 09:44:57 -0500
Message-Id: <2.2.32.19960703143430.00afb7c@144.188.134.33>
X-Sender: mollpj@144.188.134.33
Return-Receipt-To: Paul_Moller@csg.mot.com
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Wed, 03 Jul 1996 09:34:30 -0500
To: aprssig@tapr.org
From: Paul Moller <Paul_Moller@csg.mot.com>
Subject: making maps

OK, time for a dumb question. What is the latest and greatest map making
.exe? I would be making maps from files off of the ftp site, if that makes
any difference. That last time I used MK100K2A.exe. It worked, but seemed
limited to small (DOS size maps) only. How are these large Winaprs maps
being made? thanks.

Paul, WD9ABE

From kd1sm@zipnet.net Wed Jul 03 09:41:10 1996
Received: from zip0.zipnet.net (root@zip0.zipnet.net [199.232.240.20]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id JAA17562 for <aprssig@tapr.org>; Wed, 3 Jul 1996
09:41:07 -0500 (CDT)
Received: (from kd1sm@localhost) by zip0.zipnet.net (8.7.3/8.6.12) id KAA03954 for
aprssig@tapr.org; Wed, 3 Jul 1996 10:41:05 -0400 (EDT)
From: "Ralph R. Swick" <kd1sm@zipnet.net>

Message-Id: <199607031441.KAA03954@zip0.zipnet.net>
Subject: SAREX/APRS reception report
To: aprssig@tapr.org
Date: Wed, 3 Jul 1996 10:41:05 -0400 (EDT)
X-Mailer: ELM [version 2.4 PL24 ME8]
Content-Type: text

Pass of 3 July, 0935-0940 UTC

SAREX robot handing out many QSO numbers (I copied #s 907-922).
Didn't see the packet fly by on my View screen, but after LOS
my Digis page showed, in addition to W5RRR-1

N1JDU 030939 FN42LK

Congratulations, Richard.

Did anyone see my digipacket? APRtrak congratulated me at 0938z
that I had been digipeated...

For tomorrow I'm going to set up a second receiver to log everything
to disk.

-Ralph kd1sm
kd1sm@zipnet.net

From bruninga@nadm.navy.mil Wed Jul 03 10:02:39 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id KAA18374 for <aprssig@tapr.org>; Wed, 3
Jul 1996 10:02:36 -0500 (CDT)
Received: (from bruninga@localhost) by arctic.nadm.navy.mil (8.6.12/8.6.12) id
LAA26500; Wed, 3 Jul 1996 11:03:33 -0400
Date: Wed, 3 Jul 1996 11:03:30 -0400 (EDT)
From: Bob Bruninga <bruninga@nadm.navy.mil>
To: aprssig@tapr.org
cc: amsat-bb@amsat.org
Subject: APRS Sarex report (11)
Message-ID: <Pine.SUN.3.91.960703094739.14732E-1000000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Packets really popping this morning! (3 July). Apparently the new shuttle
orientation since midday yesterday has improved performance.
Overall packet statistics were improved by today's passes giving us 14
days of SAREX activity, 17 voice passes and 19 packet passes. There are
now 25 passes with no activity (not counting the 5 on 22nd and any SCHOOL
passes). Eight APRS stations have been successful (15 pkts). Email shows
the seven APRS stations are trying every pass: WA8INZ, WB6LLO, KB0UZQ, KD4EMI
N2THO, WB4APR, KC5EJK. Other stations catching passes when they can are
N3MNT, N3IVO, N8EDU, AD4BL, N2QAE, WA1LOU, KC7CO, N1CPE, WB5QLD, K1HJC, KE6AFE, KU0G
WB4LTF, N5RKN, KC4NHB, AB5GE. Comparing our success rate 15 pkts (for 23
people) to 1100 QSO#s could imply 1700 packet stations worldwide trying
conventional SAREX. All things being equal, that sounds about right? If

you have other data or are not listed, pse report.

DAY	EDT	ZULU	COMMENTS
21	1745	2145z	Voice K04HD Fl Keys
21		2238z	Voice WB6LLO San Diego, and W5GEL Texas
22	0915	1315z	through 1400 on 23 June nothing heard on 9 passes
23	1535	1935z	voice heard in S. Fla
23		2110z	Voice heard in Calif
24	0740	1140z	nothing heard on next 4 passes
24	1355	1755z	voice reported in Texas
24	1530	1930z	nothing heard on next 3 passes
25	1045	1445z	I missed the pass (Any reports of activity?)
25	1230	1620z	Voice over usa. They said Packet soon!
25	1400	1750z	Voice over USA
26	0730	1130z	Packet reported fm Alabama
26	0904	1304z	Packet reported in Houston & East. QSO#'s 104 to 130
		1313z	K1HJC>FN43HB,W5RRR-1*>APRS 0.5 on line *** First POSIT
		1010	1610z packets. QSO#'s 141
26	1356	1756z	packets over USA QSO#'s 214
26	1500	1900z	? (I missed it. Anyone else have a report?)
27	0725	1125z	nothing heard this pass and the 0900 EDT pass
27	1035	1435z	voice heard on this and 1610z, and 1745z passes
27	1510	1910z	? (i missed it. Anyone else have a report?)
28	0725	1125z	22 packets copied in Maryland
28	0900	1300z	27 pkts reported in TX and AL by KB0UZQ and KE4EER
28	1036	1436z	voice heard
28		1915z	packets heard in Calif. WB6LLO "success"
29	0730	1130z	voice heard
29	0900	1300z	nothing heard
29	1027	1427z	QSO#586. KE6AFE Posit reported? (someone send me a copy)
		1433z	WB4LTF>EL98IP,W5RRR-1*:Orlando FL
		1436z	N8DEU>EM64QS,W5RRR-1*:[GS]Tim at Huntsville, AL (TNC only)
29	1346	1746z	Voice reported in FL
29		1911z	WB6LLO APRS success reported in Calif? (Anyone see it?)
		1920z	Voice reported in Honduras
30	0545	0945z	QSO#672. KE4EER>EM64SX,W5RRR-1*:Bill, Hazel Green AL V7.6e
30	0720	1120z	QSO#729.
30	0850	1250z	9 weak pkts heard in MD. Weak pkts hrd in SoCAL
30	1023	1423z	nothing heard in SoCAL
30	1157	1557z	voice on west coast and in AL
30		1732z	nothing heard in Calif
30		1906z	WB6LLO gets "CONGRATS"
01	0405	0805z	Strong voice reported
01	0540	0950z	KE4EER reports strong voice in AL
01	0720	1120z	Voice heard in MD working Michigan
01	0850	1250z	nothing (someone reported weak packet?)
01	1025	1425z	nothing. Weak pkts then voice reported in Salt Lake City
01	1200	1600z	nothing
02	0422	0822z	no packets detected in MD
02	0540	0940z	no packets detected in MD
02	0722	1122z	no packets detected in MD
02	0842	1242z	nothing

02 1413z Voice full quieting over Utah
 02 1547z nothing heard in MD. But following heard in Florida
 WA8INZ>W5RRR-1*>EM64SX:@021000/3458.49N/08629.87W WyBills Laptop
 WA8INZ>W5RRR-1*>EM64SX:Bill, Hazel Green, AL v76
 02 1726z nothing heard (weak packets heard in Utah)
 03 0530 0930z KB0UZQ gets CONGRATS (still waiting for confirmation)
 03 0534 0934a 21 pkts hrd in Dallas, 26 in MD. QSO#893-914. And 2 APRS
 KC5EJK>W5RRR-1*>APRS:[EM120U]
 03 0707 1107z 6 Pkts heard in MD. QSO#971-975
 03 0838 1238z 39 pkts heard in Dallas, 3 in MD. QSO#1010-1035.
 KC5EJK>W5RRR-1*>APRS:[EM120U]
 03 1020 1420z Weak voice (canadian) heard in MD for 1st half of pass
 03 1550z out of view of east coast
 03 1720z out of view of east coast

Still need someone who saw KE6AFE, WB6LLO and KB0UZQ APRS packets.
 I still have three passes unaccounted for.. If you have raw data to fill
 in or correct entries above, please send them to me. I would also like
 to get the QSO#'s for every packet pass. (stupid me, was not in auto
 mode for today's sleeptime passes (tho I was up till 0230 making a rush
 map of Fon Du Lak wisconsin!))

de wb4apr@amsat.org

(8.7.5/8.7.3/1.9) with SMTP id KAA18774 for <aprssig@tapr.org>; Wed, 3 Jul 1996 10:07:27 -0500 (CDT)

From: schiers@ames.net

Message-Id: <199607031507.KAA18774@tapr.org>

Received: from [206.29.126.237] by ames.net id 50c90.wrk; Wed, 3 Jul 1996 10:06:18 -0600

Date: Wed, 03 Jul 96 08:05:56 -0500

To: aprssig@tapr.org

Subject: WinAPRS 1.1.0 Impressions

Cc: winaprs@tapr.org

X-Mailer: MR/2 Internet Cruiser Edition for OS/2 v1.04

Below follow my impressions/bugs/features not implemented yet for WinAPRS 1.1.0:

Caveat: this is not all-inclusive, merely things that have jumped out at me as I have used the program since its first beta. These are OPINIONS based on my use of the program. As with any opinion, with it and a quarter you can still get a cup of coffee.

Things I like:

1. The presentation of information is outstanding. Clear, easy to understand.

(Maps and Lists), easy to manipulate. The program has a very "uncluttered"

look to it. The program is very easy to "learn"...little to remember at this point.

2. The windowed approach contributes greatly to #1 above.

3. Support for the U-2000 works, without any funny stuff like trying to turn off

FIFO (buffered uarts) . It does not appear to be hardware dependent.

4. All I/O functions are smooth. I have never seen an I/O error, glitch, over-run, etc.....ever.

5. Under Win95 it multi-tasks very well with other high demand programs, i.e., multi-media.

6. The "potential features" are very impressive. Their current state is not.

7. Dual port gateway function is really slick with a DSP-2232, (with the noted exception of VHF auto transmissions described below).

8. CD ROM callbook support is a real plus.

9. The vast majority of the things it currently does, it does very well, and in a way that I

find comfortable, pleasing, informative and intuitive.

Basic Features Not Yet Implemented or Features that don't work properly:

1. Time out for graying and deletion of stations (nothing ever disappears from the lists).
2. In dual port mode, no auto-transmit of any information on VHF. No positions, no weather, no I.D....in other words, if left unattended, the vhf port transmits nothing about the source station on a timed or automatic basis. The only way to get info out is to force a transmission from the drop down menu. HF timed automatic transmission works perfectly. Since I am at work all day, this means I make no transmissions on VHF from 7:00 a.m. until 4:00 p.m....other than gateway transmissions from HF, a very significant limitation.
3. Rain amounts for both R and P do not reset on the hour and day...they are just total accumulation from last program start. They both read the same at all times.
4. There is no bulletin alert....it is just "another" message in the list, but in Blue.
5. There appears to be a "message to me" alert, but it only works sporadically.
6. Logging: lots of things don't work, i.e., NMEA logging, Weather logging, etc. The only logging that works for me is full APRS logging.
7. File Save command appears to do nothing.
8. With sufficient dorking around, it is still not too hard to make the program crash, either itself, or at times, even the operating shell (Win95).
9. There are many things that do not yet work right or are not present as compared to the "basic" set of features in dosAPRS
10. There is no support for Relative Humidity ...the field is missing. (I have the sensor operating properly).
11. Single station tracking/replay is not present.

Summary:

0. WinAPRS has a wonderful start and virtually unlimited potential. But it has "just started". In no way is it a "ready" product.

1. The current feature set in WinAPRS 1.1.0 cannot be even remotely compared to dosAPRS.

2. WinAPRS has the overall feel of a beta. Too many basic features one expects from vanilla APRS are either missing or don't work right. It is a "work in progress" or "developmental" work. My personal opinion is that it is not at "release" level at this time. This is NOT a criticism, it is a descriptor. Nor am I saying that it shouldn't have been released. I am simply saying that out of the hundreds of "shareware" programs I have used for dos, os/2 and windows, WinAPRS is in the least developed state of any program that I have ever "paid" for.

3. Bug fixes and basic feature implementation have been slow.

4. I know there are lots of good reasons for this, BUT, someone needs to say these things, and since

I anticipate being flamed for some of my observations (which could be in error), I am going to say this stuff anyway. The Bros. Sproul are:

- a. Really nice guys.
- b. Very likely not to acknowledge email, esp. bug reports. (they do keep them and maintain a list)
- c. Very busy.
- d. Available by phone....sounds crazy, but it's true...I feel sorry for them.
- e. Have not made an effective effort to keep their "customer base" informed about program development, future updates, known bugs....even to the point of messages on this list being circulated about their "kidnapping". While tongue in cheek....the point has merit.

Am I glad I registered it? You bet!

Do I run the program? 24 hrs/day.

Do I enjoy using the program? Absolutely.

Would I recommend it to others?

Conditionally. If you need all the "basic" features of vanilla APRS, I would not recommend it. The lack of gray out/deletion based on when last heard is a major problem. The lack of proper updating of the rain amounts

makes any "real" use for weather problematic. If you are not concerned about the two items above and just want something that has an excellent look and feel with potential for incredible development, that runs beautifully in a multi-tasking environment then you are in for a treat!

Without doing a full comparison of dosAPRS with WinAPRS, I would make the following observations:

There is no way to fairly compare the two programs. In it's current state of development, I would regard WinAPRS as, at best, APRS-lite. dosAPRS is a mature product that continues to develop, but with its own set of limitations, i.e., mediocre I/O, hardware dependencies, a cluttered appearance and feature laden to the point of intimidation. It has so many features and levels of features that it is difficult to organize and remember. The learning curve for dosAPRS is steep, for WinAPRS it is shallow...but given the relative number of features currently available, the only thing I would say is that presentation of features in a windowed environment always has the potential to be much more user friendly than in a "text" based environment. It should also be noted that the hardware requirements for WinAPRS are far greater than that required of dosAPRS.

WinAPRS is in its infancy and has a very long way to go before it can be considered to be anything more than a precursor to what APRS's basic functions allow it to be. While there are some very advanced functions built into WinAPRS (winds aloft, airport locations, advanced labelling), the lack of implementation of some of the essential "basic" features is a real drawback.

If I have made any mistakes in my descriptions, assessments, etc. please forgive me and feel free to point them out. I am a registered user of both dosAPRS and WinAPRS.

73,

hasan schiers, NOAN--

schiers@ames.net

From bruninga@nadm.navy.mil Wed Jul 03 10:22:07 1996

Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id KAA19528 for <aprssig@tapr.org>; Wed, 3 Jul 1996 10:22:03 -0500 (CDT)

Received: (from bruninga@localhost) by arctic.nadm.navy.mil (8.6.12/8.6.12) id LAA28217; Wed, 3 Jul 1996 11:23:00 -0400

Date: Wed, 3 Jul 1996 11:23:00 -0400 (EDT)

From: Bob Bruninga <bruninga@nadm.navy.mil>

To: aprssig@tapr.org

Subject: Re: [APRSSIG:2705] tracking glide!

In-Reply-To: <E0ubR0p-0000n5-00@heaton.cl.cam.ac.uk>

Message-ID: <Pine.SUN.3.91.960703110436.23519A-100000@arctic>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 3 Jul 1996, Ian Lewis wrote:

> We can have 40-50 gliders in a competition, flying at speeds up to 150mph,
> on tasks taking them 100 miles from the home airfield (and back)....
> could we record the position of each glider? For other than spectating use
> we need a fix every 10 seconds, but this can be buffered.

ANSWER: Using the slotted assignments of the KPC-3, and allowing 2 seconds per position report, you would need 100 seconds for 50 gliders. (With good solid state TR radios, you could probably assign every second and set each of 60 aircraft to once a minute, but this would take careful design and every aircraft would have to use an assigned time slot. If you went with random transmits then you would need to make the rate about once every 4 minutes for a reasonable success rate.

Going to 9600 baud would not help much, since the slot assignments are only to the nearest second. I think PacComm has a way to assign sub second time slots but they have not announced it. If so, you should be able to get down to probably a 15 second update rate for 60 units.

> The GPS/KPC-3/radio combination is a bit awkward - can you get this stuff
> combined into one (cheap) unit?

APRSDos REPLY COMMENT: PacComm makes an all-in one unit that includes the TNC, GPS and RADIO all in one!

de wb4apr@amsat.org

From bruninga@nadm.navy.mil Wed Jul 03 10:33:28 1996

Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id KAA20445 for <aprssig@tapr.org>; Wed, 3 Jul 1996 10:33:25 -0500 (CDT)

Received: (from bruninga@localhost) by arctic.nadm.navy.mil (8.6.12/8.6.12) id LAA29035; Wed, 3 Jul 1996 11:34:23 -0400

Date: Wed, 3 Jul 1996 11:34:22 -0400 (EDT)

From: Bob Bruninga <bruninga@nadm.navy.mil>

To: aprssig@tapr.org

Subject: SAREX Digipeat! (fwd)

Message-ID: <Pine.SUN.3.91.960703112814.23519B-100000@arctic>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

Here is KB0UZQ's confirmation. Now any body see KG0DW?

de wb4apr@amsat.org

----- Forwarded message -----

Date: 03 Jul 96 10:50:09 EDT

From: Stephen A. Davis <75076.675@CompuServe.COM>

Well, I think I had success with SAREX here in Des Moines [EN30co] !! I came up to my machine this morning to attend the 07:38 AM CDT pass of the shuttle, but found already on my monitor the following message (machine was set up for unattended operation while I slept)(using v7.6e) :

CONGRADS YOUR PACKET WAS DIGIPEATED! EVERYONE ELSE SHOULD SEE YOU TOO!

I pressed the 'A' key, but no entries; pressed 'L' and saw:

KG0DW 010922 @010922/Hello COLUMBIA from Steve in Des Moines! <<<my beacon
W5RRR-1 030608 #953-is your STS-78 SAREX QSO number. <<<Why was this in the
Latest Beacon list??

APR COMMENT: *** Because that was the latest packet heard from W5RRR-1 *****

BUT, when I press 'V' for the View buffer I got:

W5RRR-1>WB4FIN:#901-is your STS-78 SAREX QSO number. *** the 0935z pass
W5RRR-1>W4JXM:#952-is your STS-78 SAREX QSO number. *** the 1107z pass
W5RRR-1>KB5JRA:#953-is your STS-78 SAREX QSO number.
KB0UZQ>EMZ9QJ,W5RRR-1*:

BTW, maybe a bug in v76e space mode: I had activated the LOG under the 'C' key,
and then did a Files-Save- for a backup, but when I tried to replay from the
bakup (using Files-Replay, then name of bk file) my computer locked up....
Since it locked up before I left the program, I've lost my other logs!
{Lucky I wrote this other stuff down before I tried to get fancy!}.

Anyhow, do I now look for a QSO or a QRZ listing of my call somewhere (and
WHERE), or I have done it as far as APRS/SAREX is concerned by getting
Digipeated?? Let me know as I am new to this space talk stuff...

APR REPLY: You have to wait for someone to report capturing your packet.
You will not get a copy unless you saw it on the VIEW screen live. But
the Congrats message tells you that APRS saw it!

From Doug_Wetzel@acs.uswest.com Wed Jul 03 11:08:06 1996

Received: from uswgco3.uswc.uswest.com (uswgco3.uswest.com [206.196.133.82]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id LAA22376 for <aprssig@tapr.org>; Wed, 3
Jul 1996 11:08:03 -0500 (CDT)

From: Doug_Wetzel@acs.uswest.com

Received: from egate.mnet.uswest.com (egate.mnet.uswest.com [151.116.23.138]) by
uswgco3.uswc.uswest.com (8.7.5/8.7.1) with ESMTP id KAA04127 for
<aprssig@tapr.org>; Wed, 3 Jul 1996 10:07:41 -0600 (MDT)

Received: from easthub (easthub.mnet.uswest.com [151.117.26.86]) by
egate.mnet.uswest.com (8.7.1/8.7.1) with SMTP id KAA08505 for <aprssig@tapr.org>;
Wed, 3 Jul 1996 10:07:40 -0600 (MDT)

Received: by easthub.mnet.uswest.com (M-Net Hub.951228)

Received: by acs.uswest.com (5.x/SMI-SVR4)

id AA02831; Wed, 3 Jul 1996 10:57:34 -0500

Received: from acmspgw1 by acs.uswest.com (5.x/SMI-SVR4)

id AB02674; Wed, 3 Jul 1996 10:56:59 -0500

Received: from ccMail by acmspgw1.mnet.uswest.com

(IMA Internet Exchange v1.04) id 1da98670; Wed, 3 Jul 96 10:57:27 -0500

Mime-Version: 1.0

Date: Wed, 3 Jul 1996 09:25:17 -0500

Message-Id: <1da98670@acmspgw1.mnet.uswest.com>

Return-Receipt-To: Doug_Wetzel@acs.uswest.com

Subject: SAREX

To: aprssig@tapr.org
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Description: cc:Mail note part

031409Z Pass

Very weak voice heard from Columbia. This was a high elevation pass, does anyone know what the vehicle attitude was on this rev? Sounded like the antenna was shielded by the body -

Or maybe it WAS that giant mother ship.....

Doug
KC7CO
Radio Free Utah

From jratchf@bulldog.afsc.k12.ar.us Wed Jul 03 11:11:34 1996
Received: from bulldog.afsc.k12.ar.us (root@[170.211.157.174]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id LAA22442 for <aprssig@tapr.org>; Wed, 3 Jul 1996 11:11:31 -0500 (CDT)
Received: from jratchf.bulldog.afsc.k12.ar.us (slip2.afsc.k12.ar.us [170.211.157.176]) by bulldog.afsc.k12.ar.us (8.6.11/8.6.9) with SMTP id LAA11255 for <aprssig@tapr.org>; Wed, 3 Jul 1996 11:11:30 -0500
Message-Id: <199607031611.LAA11255@bulldog.afsc.k12.ar.us>
From: "J. Scott Ratchford, KC5JGV" <jratchf@bulldog.afsc.k12.ar.us>
To: <aprssig@tapr.org>
Subject: Re: [APRSSIG:2712] Re: DFjr
Date: Wed, 3 Jul 1996 11:10:19 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1085
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

> From: William Nolle <ke4eer@worldnet.att.net>
> To: aprssig@tapr.org
> Subject: [APRSSIG:2712] Re: DFjr
> Date: Wednesday, July 03, 1996 9:02 AM
>
> J. Scott Ratchford, KC5JGV wrote:
> >
> > Now the part that i always have problems with GPS, TNC, Laptop
> > combination.
> > --
> > Bill WA8INZ
> > ke4eer@worldnet.att.net
> > ke4eer@amsat.org
> >

> > Been there, done that, tripped over all the wires, and still got the
> > t-shirt!
> >
> > Shout if'n ya need help.
> > --
> > KC5JGV
> > Marshall, Arkansas
>
> Thanks Scott, yes i'm going to need help for sure. Never could get
anyone
> to answer me on how APRS is setup for that since that's all i will use
> the laptop for (Well almost). People seam to forget when you get older
> things don't come as easy as when your 18-30!. And what may forget is
> that we all go trough this you can be assured of that. Many tough feel
> they have to flame those people or tell them it's all in the doc's. Well

> better get off that topic or my mailbox will be full of fire again Hi.
> Thanks again Scott.
> --
> Bill WA8INZ
> ke4eer@worldnet.att.net
> ke4eer@amsat.org

I'm glad to help! Once you've hanged yourself in all those wires (I built
a fiberglass junction box) and gotten the machines to talk "at" each
other, the fun begins!

First delete the ????.apr file in your root directory and boot APRS. By
deleting that file you'll have to re-enter all your id, port, and
verification info.....BUT this also gives ya a clean slate to start on. Do
all that, and then hit <ALT-S> (D)f df(J)r.....then <ALT-S> (G)ps
(S)pm.....then....<ALT-S> (S)ave..... I think all that is right. Anyway
your reseting the coinfig to Single port mode on account of the Multi-Port
adapter from Agrelo Eng. and your setting the DFjr.

NOW.....then GPS rate is set thru your DFjr....menu 4?? I think. (Look at
your BIG card) I set mine to 15 secs. That gives me a good rate as I
travel and *just* enuf for a good map.

UNDERSTAND that the DFjr must be on for GPS data to flow EVEN it your not
DFing at the time.

AS FAR AS the other stuff is concerned, i.e. FLAMES..... a little LESS
ATTITUDE and MORE LISTENING and maybe your mailbox would stay COOL!!!!

I'll be around for more info giving if'n ya need it!

--

KC5JGV

Marshall, Arkansas

From bruninga@nadn.navy.mil Wed Jul 03 11:31:13 1996

Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id LAA23369 for <aprssig@tapr.org>; Wed, 3

Jul 1996 11:31:11 -0500 (CDT)
Received: (from bruninga@localhost) by arctic.nadn.navy.mil (8.6.12/8.6.12) id
MAA03913; Wed, 3 Jul 1996 12:29:44 -0400
Date: Wed, 3 Jul 1996 12:29:44 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:2716] SAREX/APRS reception report
In-Reply-To: <199607031441.KAA03954@zip0.zipnet.net>
Message-ID: <Pine.SUN.3.91.960703122810.23519F-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 3 Jul 1996, Ralph R. Swick wrote:

> Pass of 3 July, 0935-0940 UTC
> SAREX robot handing out many QSO numbers (I copied #s 907-922).
> Didn't see the packet fly by on my View screen, but after LOS
> my Digis page showed, in addition to W5RRR-1
>
> N1JDU 030939 FN42LK

APRSDOS REPLY COMMENT: But was there an ASTERIX indicating the
packet was digipeated by W5RRR-1? You called him by name, is he a local
to you?

de wb4apr@amsat.org

From ttyamada@CCGATE.HAC.COM Wed Jul 03 12:02:32 1996
Received: from igate1.hac.com (igate1.HAC.COM [192.48.33.10]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id MAA25235 for <aprssig@tapr.org>; Wed, 3 Jul 1996
12:02:30 -0500 (CDT)
From: ttyamada@CCGATE.HAC.COM
Received: from ises01.ES.HAC.COM ([147.16.5.2]) by igate1.hac.com (4.1/SMI-4.1)
id AA14960; Wed, 3 Jul 96 09:59:44 PDT
Received: by ises01.ES.HAC.COM; id AA12940; Wed, 3 Jul 1996 10:02:14 -0700
Received: from cc:Mail by CCGATE.HAC.COM
id AA836413309; Wed, 03 Jul 96 09:49:22 PST
Date: Wed, 03 Jul 96 09:49:22 PST
Encoding: 24 Text, 29 uuencode
Message-Id: <9606038364.AA836413309@CCGATE.HAC.COM>
To: aprssig@tapr.org
Subject: [APRSSIG:2686] Re: Signal level from Shuttle?

>>>>> clip <<<<<<<

Now, if they just had a good mag mount..... or how about an EVA to attach
one of those thru the glass antennas?! Let's see, at about \$50 per
antenna mount, I think they could afford to let it burn up during
reentry. And if it didn't, think of the advertisement campaign a company
could mount!! Hmmm. But of course NASA wouldn't pay off-the-shelf
prices, so I guess it would run them about \$1,500 per antenna. Well, at
that rate they might have to ask everybody to send in a "green stamp" for
the QSL card...

Please flame me direct if you didn't see the attempt at humor in the above paragraph.... 8-)

73
Mark
N4EOC
Germantown, MD
MBary@nmaa.org

>>>>>> end of clip <<<<<<<<

How about a "Tethered antenna", but use strong coax! :-)

73, Ted (KJ6ZJ)

The following is an attached File item from cc:Mail. It contains information that had to be encoded to ensure successful transmission through various mail systems. To decode the file use the UUDECODE program.

----- Cut Here -----

```
begin 644 rfc822.txt
M4F5C96EV960Z(&)Y(&-C;6%I;"!F<F]M(&5D96XN:&%C+F-0;0T*1G)0;2!A
M<' )S<VEG0'1A<' (N;W)G#0I8+45N=F5L;W!E+49R;VTZ(&%P<G-S:6='=&%P
M<BY0<F<- "E)E8V5I=F5D.B!F<F]M(# (P-"XQ-RXR,3<N,C`@8GD@141%3BY(
M04,N0T]- ("A0341&(%8T+C,M-R`C-3@X-"D-"B!I9"``\, #%) -DQ62TPX,58T
M, #`S,%E(0$5$14XN2$%#D- /33X[(%1U92P@,B!* =6P@,3DY-B`Q.#HT, #HQ
M-2!04U0-"E)E8V5I=F5D.B!F<F]M('1A<' (N;W)G("AL;V-A;&AO<W0@6S$R
M-RXP+C`N,5TI(&)Y('1A<' (N;W)G("@X+C<N-2\X+C<N,R\Q+CDI#0H@=VET
M:"!33510(&ED(%5!03`X-C$T.R!4=64L(# (@2G5L(#$Y.38@,C`Z, #(Z,SD@
M+3`U, #`@*$-$5"D-"D1A=&4Z(%1U92P@, # (@2G5L(#$Y.38@,C`Z, #(Z,SD@
M+3`U, #`@*$-$5"D-"D9R;VTZ(&UB87)Y0&YM86$N;W)G("A-87)K($PN($)A
M<GDI#0I3=6)J96-T.B!;05!24U-)1SHR-C@V72!293H@4VEG;F%L(&QE=F5L
M(&9R;VT@4VAU='1L93\-"E-E;F1E<CH@87!R<W-I9T!T87!R+F]R9PT*5&\Z
M(&%P<G-S:6='=&%P<BY0<F<- "E)E<QY+710.B!A<' )S<VEG0'1A<' (N;W)G
M#0I-97-S86=E+6ED.B`\,S%$.45&1#N1#E` ;FUA82Y0<F<^#0I-24U%+79E
M<G-I;VXZ(#$N,`T*6"U-86EL97(Z($U0>FEL;&$@,BXP,2`H5VEN,38[( $DI
M#0I#;VYT96YT+71Y<&4Z('1E>'00<&QA:6X[( &-H87)S970]=7,M87-C:6D-
M"D-O;G1E;G0M=' )A;G-F97(M96YC;V1I;F<Z(#=B:70-"D]R:6=I;F%T;W(Z
M(&%P<G-S:6='=&%P<BY0<F<- "E!R96-E9&5N8V4Z(&)U;&L-"E@M3&ES='!R
M;V-E<W-O<BU697)S:6]N.B`V+C`@+2T@3&ES=%!R;V-E<W-O<B!B>2!!;F%S
M=&%S:6]S($M0=' -I:V]N87, -"E@M0V]M;65N=#H@5'5C<V]N($%M871E=7(@
K4&%C:V5T(% )A9&E0("!!4%)3(%-P96-I86P@26YT97)E<W0@1W)0=7`-"@` `
```

end

From byoung@qni.com Wed Jul 03 12:08:22 1996
Received: from qni.com (root@qni.com [206.29.114.4]) by tapr.org (8.7.5/8.7.3/1.9)
with SMTP id MAA25680 for <aprssig@tapr.org>; Wed, 3 Jul 1996 12:08:21 -0500 (CDT)
From: byoung@qni.com
Received: from [206.29.114.103] (s103.qni.com) by qni.com (5.x/SMI-SVR4)
id AA12628; Wed, 3 Jul 1996 12:09:03 -0500
Date: Wed, 3 Jul 1996 12:09:02 -0500

Message-Id: <9607031709.AA12628@qni.com>
Mime-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Subject: Information for the shuttle log...
To: aprssig@tapr.org
Cc: wb4apr@amsat.org
X-Mailer: SPRY Mail Version: 04.10.06.22

APRS/STS-78 peers,

Here's (some) of the information from the passes I got this AM.

I got my third "CONGRATS!!!!..." message on the 0435CDT pass.
(Did *ANYBODY* "see" me? Please, oh please, oh please?)

(H)eard Log: (this info upto 11:30CDT from earlier passes)
12 @ 7
2 @ 6
8 @ 4

(V)iew: (this info upto 11:30CDT from earlier passes)
W5RRR-1>W9HAD:#1017-IS YOUR STS-78 SAREX QSO NUMBER.
W5RRR-1>KB5RZY:#1018-IS YOUR STS-78 SAREX QSO NUMBER.
W5RRR-1>KB5RZY:#1018-IS YOUR STS-78 SAREX QSO NUMBER.
W5RRR-1>SAREX:#1017-IS YOUR STS-78 SAREX QSO NUMBER.

(D)igipeaters used: (this info from 06305CDT)
*W5RRR-1 >KC5EIB

(L)atest Bcns: (this info from 06305CDT)
030607 #948-IS YOUR STS-78 SAREX QSO NUMBER.

I did NOT record on paper all the "transient" info (V,A,D, etc, etc...) after the 0430CDT pass, but I DID do a (F)ile, (S)ave. That one woke me from a very sound sleep when the PC "beeped" to let me know I'd digipeated. (I was groggy enough that it took a few seconds to remember why I was standing in front of the APRS station...) I'll be able to (F)ile, (L)oad when I get home tonight and see what additional information I can provide.

Bill Young
byoung@qni.com
Located in Smithville, MO (30 miles north of KC. MO)
KB0UZQ

From ke4eer@worldnet.att.net Wed Jul 03 12:22:36 1996
Received: from mailhost.worldnet.att.net (mailhost.worldnet.att.net [204.127.129.4]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id MAA26542 for <aprssig@tapr.org>; Wed, 3 Jul 1996 12:22:34 -0500 (CDT)
Received: by mailhost.worldnet.att.net (SMI-8.6/SMI-SVR4) id RAA00543; Wed, 3 Jul 1996 17:22:02 GMT
Received: from 46.bridgeton-3.mo.dial-access.att.net(199.69.38.46)

by mailhost.worldnet.att.net with SMTP
id A489; Wed Jul 3 17:22:00 1996
Message-ID: <31DAC849.68E@worldnet.att.net>
Date: Wed, 03 Jul 1996 12:21:45 -0700
From: William Nolle <ke4eer@worldnet.att.net>
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:2722] Re: DFjr
References: <199607031611.LAA11255@bulldog.afsc.k12.ar.us>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

J. Scott Ratchford, KC5JGV wrote:

>
> AS FAR AS the other stuff is concerned, i.e. FLAMES..... a little LESS
> ATTITUDE and MORE LISTENING and maybe your mailbox would stay COOL!!!!
>
> I'll be around for more info giving if'n ya need it!
> --
> KC5JGV
> Marshall, Arkansas

Ok will do Hi. Thanks for the help, will give that try.

--
Bill WA8INZ
ke4eer@worldnet.att.net
ke4eer@amsat.org

From sdimse@bridge.net Wed Jul 03 13:01:31 1996
Received: from relay6.UU.NET (relay6.UU.NET [192.48.96.16]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id NAA28228 for <aprssig@tapr.org>; Wed, 3 Jul 1996
13:01:30 -0500 (CDT)
Received: from bridge.net by relay6.UU.NET with ESMTP
(peer crosschecked as: newworld.bridge.net [204.253.4.4])
id QQawui14329; Wed, 3 Jul 1996 14:01:20 -0400 (EDT)
Received: from [199.174.146.101] (dd04-101.compuserve.com [199.174.146.101]) by
bridge.net (8.7.5/8.7.3) with SMTP id NAA11580 for <aprssig@tapr.org>; Wed, 3 Jul
1996 13:58:28 -0400 (EDT)
Message-Id: <199607031758.NAA11580@bridge.net>
Subject: Re: [APRSSIG:2717] APRS Sarex report (11)
Date: Wed, 3 Jul 96 14:01:19 -0400
x-sender: sdimse@mail.bridge.net
x-mailer: Claris EMailer 1.1
From: Steve Dimse <sdimse@bridge.net>
To: <aprssig@tapr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

>03 1550z out of view of east coast

I heard nothing until just before LOS, when a got several short (about 1

sec) full quieting carriers, no modulation. The doppler shift was dead on -3.1 kHz, could have been from nothing else.

Steve K04HD

From jagrelo@cris.com Wed Jul 03 13:07:39 1996
Received: from franklin.cris.com (franklin.cris.com [199.3.12.31]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id NAA28825 for <aprssig@tapr.org>; Wed, 3 Jul 1996 13:07:37 -0500 (CDT)
Received: from darius.cris.com (darius [199.3.12.32])
by franklin.cris.com (8.7.5/(96/06/11 2.45))
id OAA05700; Wed, 3 Jul 1996 14:07:34 -0400 (EDT)
[1-800-745-2747 The Concentric Network]
Errors-To: jagrelo@cris.com
Received: from crc3.pop3.net (cnc059033.concentric.net [206.83.77.33])
by darius.cris.com (8.7.3)
id OAA02925; Wed, 3 Jul 1996 14:07:30 -0400 (EDT)
Message-ID: <31DAE20E.5E94@concentric.net>
Date: Wed, 03 Jul 1996 14:11:42 -0700
From: Joseph Agrelo <jagrelo@cris.com>
Organization: Agrelo Engineering
X-Mailer: Mozilla 2.01 (Win95; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:2722] Re: DFjr
References: <199607031611.LAA11255@bulldog.afsc.k12.ar.us>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

J. Scott Ratchford, KC5JGV wrote:

> UNDERSTAND that the DFjr must be on for GPS data to flow EVEN if your not
> DFing at the time.
> KC5JGV
> Marshall, Arkansas

Hi Scott & Bill,

Correct! but don't forget you can turn the DF port off, and run GPS
only if so desired. The display will still show bearings, but now if
you see something you like on the DFjr display, press MENU, then ENTER,
walla! a GPS POSIT then DF report gets sent to APRS, over riding the
DF PORT OFF feature.

Like this:

\$GPRMC,194616,A,4306.37,N,07448.67,W,000.0,360.0,010396,013.9,W*73
%279/8

Have a great, safe weekend guys, and happy APRS/DFjr'ing.
I'm out of here!

73 De Joe N200C

XX

Agrelo Engineering
Joe Agrelo/President
1145 Catalyn St. Schenectady, NY 12303 USA
(518)381-1057
(518)381-1058
E-Mail: Jagrelo@concentric.net
WEB: <http://home.navisoft.com/agrelo/ae.htm>
Designer & Manufacturer of intelligent microprocessor
based Doppler and talking products
Experts in Microchip & Motorola processors
XX

From ke4eer@worldnet.att.net Wed Jul 03 13:32:51 1996
Received: from mailhost.worldnet.att.net (mailhost.worldnet.att.net
[204.127.129.4]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id NAA00190 for
<aprssig@tapr.org>; Wed, 3 Jul 1996 13:32:49 -0500 (CDT)
Received: by mailhost.worldnet.att.net (SMI-8.6/SMI-SVR4)
id SAA01303; Wed, 3 Jul 1996 18:32:15 GMT
Received: from 120.dallas-1.tx.dial-access.att.net(199.69.132.120)
by mailhost.worldnet.att.net with SMTP
id A1261; Wed Jul 3 18:32:13 1996
Message-ID: <31DAD8BE.41E9@worldnet.att.net>
Date: Wed, 03 Jul 1996 13:31:58 -0700
From: William Nolle <ke4eer@worldnet.att.net>
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:2728] Re: DFjr
References: <31DAE20E.5E94@concentric.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Joseph Agrelo wrote:

>
> J. Scott Ratchford, KC5JGV wrote:
>
> > UNDERSTAND that the DFjr must be on for GPS data to flow EVEN if your not
> > DFing at the time.
> > KC5JGV
> > Marshall, Arkansas
>
> Hi Scott & Bill,
>
> Correct! but don't forget you can turn the DF port off, and run GPS
> *only* if so desired. The display will still show bearings, but now if
> you see something you like on the DFjr display, press MENU, then ENTER,
> walla! a GPS POSIT then DF report gets sent to APRS, over riding the
> DF PORT OFF feature.
>
> Like this:
>
> \$GPRMC,194616,A,4306.37,N,07448.67,W,000.0,360.0,010396,013.9,W*73

> %279/8
>
> Have a great, safe weekend guys, and happy APRS/DFjr'ing.
> I'm out of here!
>
> 73 De Joe N200C

Thanks for the info Joe and Scott!....

--

Bill WA8INZ
ke4eer@worldnet.att.net
ke4eer@amsat.org

From ke4eer@worldnet.att.net Wed Jul 03 13:40:16 1996
Received: from mailhost.worldnet.att.net (mailhost.worldnet.att.net [204.127.129.4]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id NAA00701 for <aprssig@tapr.org>; Wed, 3 Jul 1996 13:40:14 -0500 (CDT)
Received: by mailhost.worldnet.att.net (SMI-8.6/SMI-SVR4) id SAA04193; Wed, 3 Jul 1996 18:39:42 GMT
Received: from 120.dallas-1.tx.dial-access.att.net(199.69.132.120) by mailhost.worldnet.att.net with SMTP id A3891; Wed Jul 3 18:39:10 1996
Message-ID: <31DADA33.2B7F@worldnet.att.net>
Date: Wed, 03 Jul 1996 13:38:11 -0700
From: William Nolle <ke4eer@worldnet.att.net>
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: DFjr Card
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Per request i uploaded a new DFjr quick reference card file. On this one i cleaned up the text around the circle of LED's a little. The file is in the following formats now, EPS, PCX, TIF. By the way had 2 laminated this morning with some heavy plastic (Ended up being .030) for only \$2.00 for two on a page. Just right for my sunvisor pocket, they are 4.5" x 8".

Question for Joe, i noticed to calibrate to 0 you must press the Menu,Sub,Enter keys all at once is that right?.

--

Bill WA8INZ
ke4eer@worldnet.att.net
ke4eer@amsat.org

From jagrelo@cris.com Wed Jul 03 15:15:47 1996
Received: from franklin.cris.com (franklin.cris.com [199.3.12.31]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id PAA05068 for <aprssig@tapr.org>; Wed, 3 Jul 1996 15:15:44 -0500 (CDT)
Received: from darius.cris.com (darius [199.3.12.32]) by franklin.cris.com (8.7.5/(96/06/11 2.45)) id QAA15509; Wed, 3 Jul 1996 16:15:15 -0400 (EDT)
[1-800-745-2747 The Concentric Network]

Errors-To: jagrelo@cris.com
Received: from crc3.pop3.net (cnc059032.concentric.net [206.83.77.32])
by darius.cris.com (8.7.3)
id QAA14338; Wed, 3 Jul 1996 16:14:56 -0400 (EDT)
Message-ID: <31DAFFED.33F5@concentric.net>
Date: Wed, 03 Jul 1996 16:19:09 -0700
From: Joseph Agrelo <jagrelo@cris.com>
Organization: Agrelo Engineering
X-Mailer: Mozilla 2.01 (Win95; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:2730] DFjr Card
References: <31DADA33.2B7F@worldnet.att.net>
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit

William Nolle wrote:

> Question for Joe, i noticed to calibrate to 0 you must press the
> Menu,Sub,Enter keys all at once is that right?.
> --
> Bill WA8INZ
> ke4eer@worldnet.att.net
> ke4eer@amsat.org

Yup! don't need to press to hard either. Press and hold MENU,
then press and hold SUB, then press ENTER, release all!. This will ensure
a clean three button press transition, even though there are debouncing
enhancements to the code as well as hardware caps.

The buttons are Panasonic Soft touch (R) and only require 100 grams of force.

Bill, I noticed you used a comma (I think) for the Increment degree value,
symbol on the reference card you posted. Here is the degree symbol \circ , copy & past
it, if you need it.:-)

73 De Joe N200C

XX

Agrelo Engineering
Joe Agrelo/President
1145 Catalyn St. Schenectady, NY 12303 USA
(518)381-1057
(518)381-1058
E-Mail: Jagrelo@concentric.net
WEB: <http://home.navisoft.com/agrelo/ae.htm>
Designer & Manufacturer of intelligent microprocessor
based Doppler and talking products
Experts in Microchip & Motorola processors
XX

From w5rkn@amsat.org Wed Jul 03 15:22:42 1996
Received: from zoom.bga.com (root@zoom.realtime.net [205.238.128.40]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id PAA05588 for <aprssig@tapr.org>; Wed, 3 Jul 1996

15:22:40 -0500 (CDT)
Received: from [204.251.33.93] (jake-7m.ip.realtime.net [204.251.33.93]) by zoom.bga.com (8.6.12/8.6.12) with SMTP id PAA16562 for <aprssig@tapr.org>; Wed, 3 Jul 1996 15:22:36 -0500
X-Sender: rparsons@mailserv.bga.com
Message-Id: <v02140b00ae0081b20ed8@[204.251.33.23]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Wed, 3 Jul 1996 15:22:22 -0500
To: aprssig@tapr.org
From: w5rkn@amsat.org (Ronald G. Parsons)
Subject: Map ratios in MacAPRS

A square area on the screen (equal number of pixels horiz. and vert.) for the 100K USGS derived maps describe a rectangle on the ground with the vert. to horiz. ratio of 1.15 (i.e., not square).

This causes circles to be ellipses. Even the USA map appears squished (excuse the technical jargon) vertically.

Is this

1. A programming error in the display software?
2. A programming error in the map construction?
3. Something else?

Ron W5RKN

also:
rparsons@bga.com

From bruninga@nadn.navy.mil Wed Jul 03 15:25:32 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id PAA05635 for <aprssig@tapr.org>; Wed, 3 Jul 1996 15:25:30 -0500 (CDT)
Received: (from bruninga@localhost) by arctic.nadn.navy.mil (8.6.12/8.6.12) id QAA29773; Wed, 3 Jul 1996 16:26:25 -0400
Date: Wed, 3 Jul 1996 16:26:25 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
To: aprssig@tapr.org
Subject: Wisconsin and Ecuador MAPS!
Message-ID: <Pine.SUN.3.91.960703161720.23519M-1000000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I posted a file called ATI.zip on the tapr site in the upload directory that contains an 4.5 mile map of Fond du Lac Wisconsin and a 128 mile map of Ecuador south america. There are two other maps whcih contain slight mods due to the new detail in those 2 maps. SO there is a new SAnorth.map and a new WIMlwkee.map as well. I have no room to include these in standard distribution. Is W9LZQ in Onalaska still here on the SIG and

can add this and the new WIwest.map to his distributions?

The company ATI wants to put up a digi in Fond du Lac and wants to find any HAMS in the area...

If W9LZQ is not on the SIG, does anyone see him on their APRS map and can inform him?

de wb4apr@amsat.org

From sproul@ap.org Wed Jul 03 16:13:19 1996
Received: from janus.ap.org (eos.ap.org [165.1.6.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id QAA07656 for <aprssig@tapr.org>; Wed, 3 Jul 1996 16:13:07 -0500 (CDT)
Received: from [165.1.27.20] by janus.ap.org (SMI-8.6/SMI-SVR4) id RAA27768; Wed, 3 Jul 1996 17:09:23 -0400
X-Sender: sproul@165.1.6.1
Message-Id: <v03007602ae0092f8515b@[165.1.27.20]>
In-Reply-To: <v02140b00ae0081b20ed8@[204.251.33.23]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Wed, 3 Jul 1996 17:17:55 -0400
To: aprssig@tapr.org
From: Mark Sproul <sproul@ap.org>
Subject: Re: [APRSSIG:2732] Map ratios in MacAPRS
Cc: ksproul@hardees.rutgers.edu

>A square area on the screen (equal number of pixels horiz. and vert.) for
>the 100K USGS derived maps describe a rectangle on the ground with the
>vert. to horiz. ratio of 1.15 (i.e., not square).

>

>This causes circles to be ellipses. Even the USA map appears squished
>(excuse the technical jargon) vertically.

>

>Is this

>

>1. A programming error in the display software?

>2. A programming error in the map construction?

>3. Something else?

>

>

This is a "FEATURE", it makes the math of map calculation MUCH MUCH easier. This was a specific design criteria and we did know that this would happen when we made the decision to do it this way.

The calculations for the map screen x,y pairs and the object screen x,y pairs goes thru the same "squaring", therefore everything still registers properly.

On slower computers it is VERY important to keep it this way. With newer

higher speed machines we have been discussing some rather elaborate options but have not started implementing them yet.

In the mean time the circles arent perfect (unless you are at or near the equator)

Mark

Mark Sproul	Amateur Radio: KB2ICI
Software Engineer @ Assoc Press	
sproul@ap.org	Work: 609-860-7120
North Brunswick, NJ	Fax: 609-860-7129
http://msproul.rutgers.edu/	

From ke4eer@worldnet.att.net Wed Jul 03 16:37:40 1996
Received: from mailhost.worldnet.att.net (mailhost.worldnet.att.net [204.127.129.3]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id QAA08627 for <aprssig@tapr.org>; Wed, 3 Jul 1996 16:37:38 -0500 (CDT)
Received: by mailhost.worldnet.att.net (SMI-8.6/SMI-SVR4) id VAA13796; Wed, 3 Jul 1996 21:37:05 GMT
Received: from 157.bridgeton-3.mo.dial-access.att.net(199.69.38.157) by mailhost.worldnet.att.net with SMTP id A13689; Wed Jul 3 21:36:37 1996
Message-ID: <31DB03FD.97D@worldnet.att.net>
Date: Wed, 03 Jul 1996 16:36:29 -0700
From: William Nolle <ke4eer@worldnet.att.net>
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:2732] Map ratios in MacAPRS
References: <v02140b00ae0081b20ed8@[204.251.33.23]>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ronald G. Parsons wrote:

>
> A square area on the screen (equal number of pixels horiz. and vert.) for
> the 100K USGS derived maps describe a rectangle on the ground with the
> vert. to horiz. ratio of 1.15 (i.e., not square).
>
> This causes circles to be ellipses. Even the USA map appears squished
> (excuse the technical jargon) vertically.
>
> Is this
>
> 1. A programming error in the display software?
> 2. A programming error in the map construction?
> 3. Something else?
>
> Ron W5RKN

>
> also:
> rparsons@bga.com

I wonder if your using a laptop and getting the squished map?. If so i went
trough that a couple of years ago and had to take 2 laptops back till i wised
up and took a disk with me that had APRS on it.

--

Bill WA8INZ
ke4eer@worldnet.att.net
ke4eer@amsat.org

From ke4eer@worldnet.att.net Wed Jul 03 16:41:52 1996
Received: from mailhost.worldnet.att.net (mailhost.worldnet.att.net
[204.127.129.3]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id QAA08753 for
<aprssig@tapr.org>; Wed, 3 Jul 1996 16:41:50 -0500 (CDT)
Received: by mailhost.worldnet.att.net (SMI-8.6/SMI-SVR4)
id VAA16178; Wed, 3 Jul 1996 21:41:19 GMT
Received: from 157.bridgeton-3.mo.dial-access.att.net(199.69.38.157)
by mailhost.worldnet.att.net with SMTP
id A16112; Wed Jul 3 21:41:17 1996
Message-ID: <31DB0512.2BE1@worldnet.att.net>
Date: Wed, 03 Jul 1996 16:41:06 -0700
From: William Nolle <ke4eer@worldnet.att.net>
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:2731] Re: DFjr Card
References: <31DAFFED.33F5@concentric.net>
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit

Joseph Agrelo wrote:

>
> Bill, I noticed you used a comma (I think) for the Increment degree value,
> symbol on the reference card you posted. Here is the degree symbol ∞, copy &
past
> it, if you need it.-)
>
> 73 De Joe N200C

Yes Joe i was aware of that but CorelDraw does not have a symbol for that, or at
least i haven't found it hi. I will look again and if i find it i will correct
that Hi. Is everything else correct?.

--

Bill WA8INZ
ke4eer@worldnet.att.net
ke4eer@amsat.org

From ke4eer@worldnet.att.net Wed Jul 03 17:20:51 1996
Received: from mailhost.worldnet.att.net (mailhost.worldnet.att.net
[204.127.129.3]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id RAA10549 for

<aprssig@tapr.org>; Wed, 3 Jul 1996 17:20:50 -0500 (CDT)
Received: by mailhost.worldnet.att.net (SMI-8.6/SMI-SVR4)
id WAA06054; Wed, 3 Jul 1996 22:20:17 GMT
Received: from 246.bridgeton-3.mo.dial-access.att.net(199.69.38.246)
by mailhost.worldnet.att.net with SMTP
id A5898; Wed Jul 3 22:19:55 1996
Message-ID: <31DB0E22.73C4@worldnet.att.net>
Date: Wed, 03 Jul 1996 17:19:46 -0700
From: William Nolle <ke4eer@worldnet.att.net>
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:2736] Re: DFjr Card
References: <31DB0512.2BE1@worldnet.att.net>
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit

William Nolle wrote:

>
> Joseph Agrelo wrote:
> >
> > Bill, I noticed you used a comma (I think) for the Increment degree value,
> > symbol on the reference card you posted. Here is the degree symbol ∞, copy &
> > past
> > it, if you need it.-)
> >
> > 73 De Joe N200C
>

I fixed it Joe and uploaded the new files to tapr. Couldn't paste it tough because
i
have CorelDraw on another computer Hi. The files are called DFJR4.ZIP and
DFJR4.TXT

--
Bill WA8INZ
ke4eer@worldnet.att.net
ke4eer@amsat.org

From sdimse@bridge.net Wed Jul 03 18:01:35 1996
Received: from relay5.UU.NET (relay5.UU.NET [192.48.96.15]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id SAA11907 for <aprssig@tapr.org>; Wed, 3 Jul 1996
18:01:33 -0500 (CDT)
Received: from bridge.net by relay5.UU.NET with ESMTP
(peer crosschecked as: newworld.bridge.net [204.253.4.4])
id QQawvc24885; Wed, 3 Jul 1996 19:01:31 -0400 (EDT)
Received: from [199.174.146.101] (dd04-101.compuserve.com [199.174.146.101]) by
bridge.net (8.7.5/8.7.3) with SMTP id SAA10098 for <aprssig@tapr.org>; Wed, 3 Jul
1996 18:58:31 -0400 (EDT)
Message-Id: <199607032258.SAA10098@bridge.net>
Subject: Re: [APRSSIG:2732] Map ratios in MacAPRS
Date: Wed, 3 Jul 96 19:01:21 -0400

x-sender: sdimse@mail.bridge.net
x-mailer: Claris Emailer 1.1
From: Steve Dimse <sdimse@bridge.net>
To: <aprssig@tapr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

>A square area on the screen (equal number of pixels horiz. and vert.) for
>the 100K USGS derived maps describe a rectangle on the ground with the
>vert. to horiz. ratio of 1.15 (i.e., not square).

>

>This causes circles to be ellipses. Even the USA map appears squished
>(excuse the technical jargon) vertically.

>

>Is this

>

>1. A programming error in the display software?

>2. A programming error in the map construction?

>3. Something else?

>

This is a consequence of trying to depict a (roughly) spherical surface on a flat surface (in this case a computer screen). All maps and charts suffer from distortion. The manner in which the surface is depicted on a map is called the projection, and many different projections that have been used over the history of cartography. Each has advantages and disadvantages that make it suitable for certain uses. MacAPRS, like many low end computer programs, uses a linear projection, where a degree of longitude is the same distance regardless of the latitude. (In reality, of course, a degree of longitude varies from infinitesimally small at the poles, to about 60 nmi at the equator.) The major advantage of a simple projection like this is computation speed. Given the x,y coords of a mouse click, one simple needs to multiply by a scale factor and add an offset to get the lat/lon. Other projections require the use of complex spherical trig formulas. (i.e. don't try this on your PC AT!) The linear projection has its major distortion at the poles, none at the equator, and is not too bad for the middle latitudes where most of us live.

Steve K04HD

From ku0g@sprynet.com Wed Jul 03 18:41:45 1996

Received: from m1.sprynet.com (m1.sprynet.com [165.121.1.97]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id SAA13216 for <aprssig@tapr.org>; Wed, 3 Jul 1996 18:41:43 -0500 (CDT)

From: ku0g@sprynet.com

Received: from [199.174.130.125] (ad03-125.compuserve.com [199.174.130.125]) by m1.sprynet.com (8.6.12/8.6.12) with SMTP id QAA24881 for <aprssig@tapr.org>; Wed, 3 Jul 1996 16:39:33 -0700

Date: Wed, 3 Jul 1996 16:39:33 -0700

Message-Id: <199607032339.QAA24881@m1.sprynet.com>

MIME-Version: 1.0

Content-Type: text/plain

Content-Transfer-Encoding: 7bit

Subject: Need latest Keps!!!

To: aprssig@tapr.org
X-Mailer: SPRY Mail Version: 04.00.06.21

Could someone PLEASE post the latest set of keps for Columbia? The keps from early on 7/2 placed the shuttle nearly 180 degrees off on its orbit display in Logsat...

Best 73,
Jim Duncan, KU0G
APRS--Kansas City Coordinator
EMail: ku0g@sprynet.com

From amirault@laraby.tiac.net Wed Jul 03 20:04:18 1996
Received: from laraby.tiac.net (root@laraby.tiac.net [199.0.65.80]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id UAA16697 for <aprssig@tapr.org>; Wed, 3 Jul 1996 20:04:08 -0500 (CDT)
Received: (from amirault@localhost) by laraby.tiac.net (8.6.9/8.6.6.Beta9) id VAA05120; Wed, 3 Jul 1996 21:03:50 -0400
Date: Wed, 3 Jul 1996 21:03:49 -0400 (EDT)
From: Richard Amirault <amirault@laraby.tiac.net>
To: aprssig@tapr.org
Subject: Shuttle Posit
In-Reply-To: <01BB685D.22941D40@lub16.onramp.net>
Message-ID: <Pine.BSF.3.91.960703210141.4921B-1000000@laraby.tiac.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Running AprTrak all day.

Not successful in seeing my own Digipeat, but today at

08:47am WB4LTF Casselberry, Florida

came thru with a grid sq posit. Heard in Boston.

Richard Amirault N1JDU Boston, Massachusetts USA
amirault@tiac.net "Go Fly A Kite"

From jerdptro@xnet.com Wed Jul 03 20:05:16 1996
Received: from flood.xnet.com (flood.xnet.com [198.147.221.35]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id UAA16743 for <aprssig@tapr.org>; Wed, 3 Jul 1996 20:05:14 -0500 (CDT)
Received: from n9vhw.xnet.com by flood.xnet.com (8.7.5/XNet-1.4R) with SMTP id UAA17123 for <aprssig@tapr.org>; Wed, 3 Jul 1996 20:05:28 -0500 (CDT)
Message-Id: <199607040105.UAA17123@flood.xnet.com>
Comments: Authenticated sender is <jerdptro@quake.xnet.com>
From: "Jerry" <jerdptro@xnet.com>
To: aprssig@tapr.org
Date: Wed, 3 Jul 1996 20:05:46 +0000
MIME-Version: 1.0
Content-type: Multipart/Mixed; boundary=Message-Boundary-6622
Subject: Re: [APRSSIG:2739] Need latest Keps!!!

Reply-to: jerdptro@xnet.com
X-Confirm-Reading-To: jerdptro@xnet.com
X-pmrqc: 1
Priority: normal
X-mailer: Pegasus Mail for Windows (v2.23)

--Message-Boundary-6622
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

Attached are latest sts78 keps...

Jerry Di Pietro
N9VHW
Streamwood, IL
jerdptro@xnet.com

--Message-Boundary-6622
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Text from file 'sts78.tle'

STS 78

1	23931U	96036A	96185.25000000	.00001438	54680-5	46131-5	0	454
2	23931	39.0124	285.2187	0005944	358.9496	278.5269	16.04119382	2026

--Message-Boundary-6622--

From amirault@laraby.tiac.net Wed Jul 03 20:07:27 1996
Received: from laraby.tiac.net (root@laraby.tiac.net [199.0.65.80]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id UAA16872 for <aprssig@tapr.org>; Wed, 3 Jul 1996 20:07:18 -0500 (CDT)
Received: (from amirault@localhost) by laraby.tiac.net (8.6.9/8.6.6.Beta9) id VAA05172; Wed, 3 Jul 1996 21:07:02 -0400
Date: Wed, 3 Jul 1996 21:07:02 -0400 (EDT)
From: Richard Amirault <amirault@laraby.tiac.net>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:2696] APRTRAK6.zip
In-Reply-To: <Pine.SUN.3.91.960703024514.18529E@arctic>
Message-ID: <Pine.BSF.3.91.960703210542.4921C-100000@laraby.tiac.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 3 Jul 1996, Bob Bruninga wrote:

> The latest version of APRtrak6 is posted for ftp from tapr.org. You will
> find it in the tapr/SIG/aprssiG/files/upload area.
>
> It brings aprtrak up to about the equivalent of aprs76e which many of us
> are using already on this mission. I will post more about it tomorrow.
>

Good! I am running older version, without much luck, was about to switch to regular APRS for rest of mission but will try this version of APRTRAK.

Richard Amirault N1JDU Boston, Massachusetts USA
amirault@tiac.net "Go Fly A Kite"

From amirault@laraby.tiac.net Wed Jul 03 20:21:53 1996
Received: from laraby.tiac.net (root@laraby.tiac.net [199.0.65.80]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id UAA17275 for <aprssig@tapr.org>; Wed, 3 Jul 1996 20:21:41 -0500 (CDT)
Received: (from amirault@localhost) by laraby.tiac.net (8.6.9/8.6.6.Beta9) id VAA05372; Wed, 3 Jul 1996 21:20:37 -0400
Date: Wed, 3 Jul 1996 21:20:37 -0400 (EDT)
From: Richard Amirault <amirault@laraby.tiac.net>
To: "Ralph R. Swick" <kd1sm@zipnet.net>
cc: Tom Kinahan <kinahan@cassatt.Mass-USR.COM>, Boston APRS <aps@ieee.org>, bruce@testware.com, eparish@netcom.com, eric@waaf.com, jgarrett@world.std.com, martin01@aol.com, neil%starfleet.bbn.com@bbn.com, northup@sw.stratus.com, phil@temples.com, pozerss@cliffy.polaroid.com, schwarm@spectre.mitre.org, warakois@world.std.com, aprssig@tapr.org
Subject: Re: [APRSSIG:2716] SAREX/APRS reception report
In-Reply-To: <199607031441.KAA03954@zip0.zipnet.net>
Message-ID: <Pine.BSF.3.91.960703211546.4921E-100000@laraby.tiac.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 3 Jul 1996, Ralph R. Swick wrote:

> Pass of 3 July, 0935-0940 UTC
>
> SAREX robot handing out many QSO numbers (I copied #s 907-922).
> Didn't see the packet fly by on my View screen, but after LOS
> my Digis page showed, in addition to W5RRR-1
>
> N1JDU 030939 FN42LK
>
> Congratulations, Richard.

Thanks! I never saw it on my own screen, but at least I got thru!

>
> Did anyone see my digipacket? APRtrak congratulated me at 0938z
> that I had been digipeated...
>
> For tomorrow I'm going to set up a second receiver to log everything
> to disk.
>
> -Ralph kd1sm
> kd1sm@zipnet.net
>
>

Richard Amirault
amirault@tiac.net

N1JDU
"Go Fly A Kite"

Boston, Massachusetts USA

From bruninga@nadm.navy.mil Wed Jul 03 21:43:50 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id VAA21256 for <aprssig@tapr.org>; Wed, 3
Jul 1996 21:43:48 -0500 (CDT)
Received: (from bruninga@localhost) by arctic.nadm.navy.mil (8.6.12/8.6.12) id
WAA06989; Wed, 3 Jul 1996 22:44:46 -0400
Date: Wed, 3 Jul 1996 22:44:46 -0400 (EDT)
From: Bob Bruninga <bruninga@nadm.navy.mil>
To: aprssig@tapr.org
Subject: APRS via PACSATS
Message-ID: <Pine.SUN.3.91.960703223659.6850A-1000000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

----- Forwarded message -----

This message is to confirm contact with W90DI at 15:15 utc the 3 of july.
The contact was made in conv with io-26 digipeater (itmsat-1). W90DI Chuck
in Mundelein Ill VE2KAD Jean-F in Rawdon Quebec FN36CB

APR COMMENT: We have many digipeaters in SPACE. If you are frustrated
with trying to work the shuttle when most of the time it is not in packet
mode, consider that a simple mod to most standard TNC's will put you and
your 2mFM RIG on several PACSAT uplinks! Then we could play mobile
position reporting for real! All the time!

I have been told that all you have to do is XOR the TNC data with the
1200 HZ clock and plug that into the MIC jack! We need someone to get
excited about this mod, figure out how to do it, and enlighten us!

Any volunteer wanna take this on? I know most of us dont have time, but
surely someone does...

From ke4eer@worldnet.att.net Wed Jul 03 21:50:32 1996
Received: from mailhost.worldnet.att.net (mailhost.worldnet.att.net
[204.127.129.4]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id VAA21680 for
<aprssig@tapr.org>; Wed, 3 Jul 1996 21:50:31 -0500 (CDT)
Received: by mailhost.worldnet.att.net (SMI-8.6/SMI-SVR4)
id CAA18011; Thu, 4 Jul 1996 02:49:59 GMT
Received: from 132.dallas-1.tx.dial-access.att.net(199.69.132.132)
by mailhost.worldnet.att.net with SMTP
id A17789; Thu Jul 4 02:49:30 1996
Message-ID: <31DB4D4F.7DC3@worldnet.att.net>
Date: Wed, 03 Jul 1996 21:49:19 -0700
From: William Nolle <ke4eer@worldnet.att.net>
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: APRS DFjr
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

I was trying to setup APRS with the DFjr using the MPA and what i was wondering it still has the window in the upper right corner asking to move the cursor to your qth then press I-M position. Is that going to be there all the time even when running mobil?, or did i do something wrong. I didn't have a GPS hooked to it yet. I got the following string but it was in the HOST directory only.

WA8INZ-14 032011 @31954/0000.00N/0000.00W/newuser/303/108/DFjr

Also why does it show the newuser when i entered a validation number for the DF,GPS

--

Bill WA8INZ
ke4eer@worldnet.att.net
ke4eer@amsat.org

From gerry@cs.tamu.edu Wed Jul 03 21:55:43 1996

Received: from cs.tamu.edu (clavin.cs.tamu.edu [128.194.130.106]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id VAA21886 for <aprssig@tapr.org>; Wed, 3 Jul 1996 21:55:42 -0500 (CDT)

Received: from solar.cs.tamu.edu (2961@solar.cs.tamu.edu [128.194.132.1]) by cs.tamu.edu (8.6.10/8.6.4) with ESMTP id VAA07725 for <aprssig@tapr.org>; Wed, 3 Jul 1996 21:55:38 -0500

From: Gerald J Creager <gerry@cs.tamu.edu>

Received: (gerry@localhost) by solar.cs.tamu.edu (8.6.10/8.6.4) id VAA01845 for aprssig@tapr.org; Wed, 3 Jul 1996 21:54:01 -0500

Message-Id: <199607040254.VAA01845@solar.cs.tamu.edu>

Subject: Re: [APRSSIG:2664] Re: Signal level from Shuttle?

To: aprssig@tapr.org

Date: Wed, 3 Jul 1996 21:54:01 -0500 (CDT)

In-Reply-To: <199607021503.IAA06869@m1.sprynet.com> from "ku0g@sprynet.com" at Jul 2, 96 10:11:49 am

X-Mailer: ELM [version 2.4 PL25]

MIME-Version: 1.0

Content-Type: text/plain; charset=US-ASCII

Content-Transfer-Encoding: 7bit

ku0g@sprynet.com sez:

>

> Just a note....From NASA Select TV (Satellite S2, Xpndr 9), Columbia is now in
> the normal payload bay-to-earth configuration. This means that the entire upper
> surface of the spacecraft is facing ground. Hopefully signals will now be much
> stronger! Get ready for the full-quiet signals!

Except that, neither W1 nor W6 are facing earth. they are the aft-most windows in the forward flight deck.

From gerry@cs.tamu.edu Wed Jul 03 22:01:42 1996

Received: from cs.tamu.edu (clavin.cs.tamu.edu [128.194.130.106]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id WAA21924 for <aprssig@tapr.org>; Wed, 3 Jul 1996 22:01:40 -0500 (CDT)

Received: from solar.cs.tamu.edu (2961@solar.cs.tamu.edu [128.194.132.1]) by cs.tamu.edu (8.6.10/8.6.4) with ESMTP id WAA07827 for <aprssig@tapr.org>; Wed, 3 Jul 1996 22:01:37 -0500

From: Gerald J Creager <gerry@cs.tamu.edu>

Received: (gerry@localhost) by solar.cs.tamu.edu (8.6.10/8.6.4) id WAA01898 for aprssig@tapr.org; Wed, 3 Jul 1996 22:00:02 -0500

Message-Id: <199607040300.WAA01898@solar.cs.tamu.edu>

Subject: Re: [APRSSIG:2672] Re: Signal level from Shuttle?

To: aprssig@tapr.org

Date: Wed, 3 Jul 1996 22:00:01 -0500 (CDT)

In-Reply-To: <Pine.SUN.3.91.960702133726.19485C@arctic> from "Bob Bruninga" at Jul 2, 96 12:57:36 pm

X-Mailer: ELM [version 2.4 PL25]

MIME-Version: 1.0

Content-Type: text/plain; charset=US-ASCII

Content-Transfer-Encoding: 7bit

Bob Bruninga sez:

>

> APRSdos REPLY COMMENT: Not one of the "side" windows? This means it is
> pointed straight up on this mission, right? So most of the energy
> goes straight out to space?

W1 and W6 (the 2 usual SAREX windows) are the aft-most windows next to the pilot and CDR on the forward flight deck. W7, W8 was tried for STS-50 and while we had a lot of QSOs, VSWR was high and impossible to correct in that installation.

gerry

From bruninga@nadn.navy.mil Wed Jul 03 22:20:25 1996

Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id WAA22956 for <aprssig@tapr.org>; Wed, 3 Jul 1996 22:20:23 -0500 (CDT)

Received: (from bruninga@localhost) by arctic.nadn.navy.mil (8.6.12/8.6.12) id XAA07613; Wed, 3 Jul 1996 23:21:21 -0400

Date: Wed, 3 Jul 1996 23:21:21 -0400 (EDT)

From: Bob Bruninga <bruninga@nadn.navy.mil>

To: aprssig@tapr.org

Subject: Re: [APRSSIG:2732] Map ratios in MacAPRS

In-Reply-To: <v02140b00ae0081b20ed8@[204.251.33.23]>

Message-ID: <Pine.SUN.3.91.960703231721.7539B-100000@arctic>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 3 Jul 1996, Ronald G. Parsons wrote:

> A square area on the screen (equal number of pixels horiz. and vert.) for
> the 100K USGS derived maps describe a rectangle on the ground with the
> vert. to horiz. ratio of 1.15 (i.e., not square).

>

> This causes circles to be ellipses. Even the USA map appears squished
> (excuse the technical jargon) vertically.

APRSDOS REPLY COMMENT: The aspect ratio is not constant. It varies with latitude. You don't notice this at most scales, but it is very noticeable with the USA or WORLD maps. I vary the aspect ratio of the screen proportional to the latitude of the CENTER point. Center your screen on IOWA and see how the USA width is different than if you center it on Texas. This was done to eliminate the distortion of a Mercator Map when displayed on a flat screen as you move north...

de wb4apr@amsat.org

From kene@fairchild.lmco.com Wed Jul 03 22:24:12 1996

Received: from cs.tamu.edu (clavin.cs.tamu.edu [128.194.130.106]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id WAA23138 for <aprssig@tapr.org>; Wed, 3 Jul 1996 22:24:10 -0500 (CDT)

Received: from solar.cs.tamu.edu (2961@solar.cs.tamu.edu [128.194.132.1]) by cs.tamu.edu (8.6.10/8.6.4) with ESMTP id WAA08179 for <aprssig@tapr.org>; Wed, 3 Jul 1996 22:24:07 -0500

Received: (gerry@localhost) by solar.cs.tamu.edu (8.6.10/8.6.4) id WAA02123 for aprssig@tapr.org; Wed, 3 Jul 1996 22:22:32 -0500

Received: from amsat.org (amsat.org [128.54.16.15]) by cs.tamu.edu (8.6.10/8.6.4) with ESMTP id SAA06316 for <gerry@cs.tamu.edu>; Tue, 2 Jul 1996 18:02:05 -0500

Received: (daemon@localhost) by amsat.org (8.7.5/8.6.9) id NAA13649 for sarex-list; Tue, 2 Jul 1996 13:31:01 -0700 (PDT)

Errors-To: owner-sarex@amsat.org

Sender: gerry@cs.tamu.edu

Precedence: List

Received: from none.at.helo (medusa.fairchild.lmco.com [158.186.88.2]) by amsat.org (8.7.5/8.6.9) with SMTP id NAA13639 for <sarex@amsat.org>; Tue, 2 Jul 1996 13:30:59 -0700 (PDT)

Received: from kevin.fs.loral.com by fairchild.lmco.com with smtp (Smail3.1.29.1 #8) id m0ubC5Z-003E30C; Tue, 2 Jul 96 16:30 EDT

Message-Id: <m0ubC5Z-003E30C@fairchild.lmco.com>

X-Sender: kene@mailhost.fairchild.lmco.com

X-Mailer: Windows Eudora Light Version 1.5.2

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Date: Tue, 02 Jul 1996 16:30:56 -0400

To: sarex@amsat.org

From: Ken Ernandes <kene@fairchild.lmco.com>

STS - 78 ORBITAL DATA

Below is the current State Vector and Keplerian Elements for STS-78. The vector data comes from NASA; the orbital parameters were computed from the vector. Hourly vector updates are available from NASA GSFC OIG RAID RBBS at (301) 262-6782 or by telnet: oig1.gsfc.nasa.gov (UserID = oig / Password = goddard1).

Vector format = 117

Satellite Name: STS-78

Catalog Number: 23931 96036A

Epoch Date/Time: 96184.79212847222
07/02/1996 19:00:39.899 UTC
EFG E: -11118937 ft
F: -17395653 ft
G: 6965669 ft
Edot: 13776.76 ft/s
Fdot: -14359.83 ft/s
Gdot: -13782.80 ft/s
ndot/2 (drag): 0.00222533628 rev/day^2
nddt/6: 2.05935E-07 rev/day^3
Bstar: 3.23539E-04 1/Earth Radii
Elset #: 42
Rev @ Epoch: 196.41489023199

Launch was 20-JUN-96 / 14:49:00.093

The following Keplerian elements were computed by VEC2TLE from this vector using a 3.3 drag multiplier:

STS-78

1 23931U 96036A 96184.79212847 .00222534 20594-6 32354-3 0 423
2 23931 39.0125 288.3022 0006159 0.4467 148.9133 16.04106692 1967

Satellite: STS-78

Catalog number: 23931
Epoch time: 96184.79212847
Element set: 42
Inclination: 39.0125 deg
RA of node: 288.3022 deg
Eccentricity: 0.0006159
Arg of perigee: 0.4467 deg
Mean anomaly: 148.9133 deg
Mean motion: 16.04106692 rev/day
Decay rate: 2.22534e-03 rev/day^2
Epoch rev: 196
Checksum: 299

VEC2TLE may be downloaded from:
[ftp.amsat.org /amsat/software/PC/util](ftp://amsat.org/amsat/software/PC/util)

Ken Ernandes
n2wwd@amsat.org

From pat.kilroy@gsfc.nasa.gov Wed Jul 03 22:25:05 1996
Received: from cs.tamu.edu (clavin.cs.tamu.edu [128.194.130.106]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id WAA23158 for <aprssig@tapr.org>; Wed, 3 Jul 1996 22:25:04 -0500 (CDT)
Received: from solar.cs.tamu.edu (2961@solar.cs.tamu.edu [128.194.132.1]) by cs.tamu.edu (8.6.10/8.6.4) with ESMTTP id WAA08193; Wed, 3 Jul 1996 22:24:59 -0500
Received: (gerry@localhost) by solar.cs.tamu.edu (8.6.10/8.6.4) id WAA02132; Wed, 3 Jul 1996 22:23:23 -0500
Received: from amsat.org (amsat.org [128.54.16.15]) by cs.tamu.edu (8.6.10/8.6.4)

with ESMTP id SAA06967 for <gerry@cs.tamu.edu>; Tue, 2 Jul 1996 18:34:52 -0500
Received: (daemon@localhost) by amsat.org (8.7.5/8.6.9) id OAA13948 for sarex-
list; Tue, 2 Jul 1996 14:11:01 -0700 (PDT)
Errors-To: owner-sarex@amsat.org
Sender: gerry@cs.tamu.edu
Precedence: List
Received: from none.at.helo (popa-f.gsfc.nasa.gov [128.183.251.163]) by amsat.org
(8.7.5/8.6.9) with SMTP id OAA13938 for <sarex@amsat.org>; Tue, 2 Jul 1996
14:10:56 -0700 (PDT)
Received: from [128.183.24.111] (nppo.gsfc.nasa.gov [128.183.24.111]) by
popa.gsfc.nasa.gov (8.6.11/8.6.12) with SMTP id RAA19982 for <sarex@amsat.org>;
Tue, 2 Jul 1996 17:10:52 -0400
X-Sender: pkilroy@pop300.gsfc.nasa.gov
Message-Id: <v02130500adff3bbbcaf8@[128.183.24.111]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Tue, 2 Jul 1996 17:10:55 -0400
To: sarex@amsat.org
From: pat.kilroy@gsfc.nasa.gov (Pat Kilroy)
Subject: STS-78 No Bulletin

Tuesday, July 2, 1996

Re: the posting a day or so ago on updating element sets:

According to Gil Carman, WA5NOM, the STS-78 flight vector at about 1100 UTC this morning showed that the actual pass times are running 2.0 seconds later than predictions from element set #913 issued yesterday, so #913 is still good through today.

For those who are using Gil's TLEs see previous SAREX Bulletin #2 :

>SB SAREX @ AMSAT \$STS-78.002
>STS-78 SAREX Mission Begins
>
>Silver Spring, Maryland USA
>June 20, 1996 @ 20:00 UTC
>...
>At this time, there are no trim burns planned from Rev 4 until the deorbit
>burn, so the Spacelab mission orbit should be fairly stable. However, this
>is a fairly low altitude flight (146 x 150 n.mi., decaying to 138 x 149 by
>deorbit), so the drag values will be higher than a 190 n.mi. orbit and
>increasing. This means that new orbital elements will be sent out no more
>than once a day by the SAREX Working Group. A day will be skipped if it
>looks like the previous set is still good to within 10 seconds.
>...

Also SAREX Bulletin #15:

>SB SAREX @ AMSAT \$STS-78.015
>STS-78 SAREX Update and Keps 15
>
>Silver Spring, Maryland USA

>June 26, 1996 @ 23:00 UTC

>...

>AMSAT member Gil Carman, WA5NOM, reports that it's important on this
>flight to keep updated to the latest elements. Even though there are
>no orbit adjust burns, the low altitude and the attitude changes
>between tail down and tail forward make the drag variations very
>significant.

>

>For example, element set #909 is 5 seconds later than set #908 now,
>and will be 14 seconds later by this time tomorrow. Ten seconds is
>about the maximum allowable tracking error for a high elevation
>pass on orbits this low in altitude to keep [the orbiter] in a 35
>degree (e.g., KLM-22C main lobe) antenna pattern. Of course,
>amateurs who use a lower gain antenna need not be concerned as
>much.

>

>The orbiter is rising EARLIER than earlier element sets predict,
>by a matter of minutes from the prelaunch set.

>

Hope this helps some. We'll check again tomorrow morning.

Good luck to all,

Pat WD8LAQ
SAREX Volunteer

```
=====
Patrick L. Kilroy           Phone: 301-286-5910
TRMM Project Parts Engineer Fax: 301-286-1695
NASA/Goddard Space Flight Center E-mail: pat.kilroy@gsfc.nasa.gov
Building 6, Code 311        WWW URL: http://epims1.gsfc.nasa.gov/
Greenbelt, Maryland 20771   people/pat_kilroy.html
=====
```

..

From bruninga@nadn.navy.mil Wed Jul 03 22:36:32 1996

Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id WAA24113 for <aprssig@tapr.org>; Wed, 3
Jul 1996 22:36:30 -0500 (CDT)

Received: (from bruninga@localhost) by arctic.nadn.navy.mil (8.6.12/8.6.12) id
XAA07702; Wed, 3 Jul 1996 23:37:29 -0400

Date: Wed, 3 Jul 1996 23:37:28 -0400 (EDT)

From: Bob Bruninga <bruninga@nadn.navy.mil>

To: aprssig@tapr.org

Subject: Re: [APRSSIG:2743] Re: SAREX/APRS reception report

In-Reply-To: <Pine.BSF.3.91.960703211546.4921E-100000@laraby.tiac.net>

Message-ID: <Pine.SUN.3.91.960703233505.7539E-100000@arctic>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 3 Jul 1996, Richard Amirault wrote:

> On Wed, 3 Jul 1996, Ralph R. Swick wrote:
> > SAREX robot handing out many QSO numbers (I copied #s 907-922).
> > Didn't see the packet fly by on my View screen, but after LOS
> > my Digis page showed, in addition to W5RRR-1
> >
> > N1JDU 030939 FN42LK

APRSDOS REPLY COMMENT: This report is confusing. The DIGIS page does not show times. This is not a packet from the D page. It does not indicate if the packet was heard direct or via W5RRR-1
Can any one confirm if this was a valid digipeat?
de wb4apr@amsat.org

From bruninga@nadm.navy.mil Wed Jul 03 22:38:27 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id WAA24134 for <aprssig@tapr.org>; Wed, 3 Jul 1996 22:38:25 -0500 (CDT)
Received: (from bruninga@localhost) by arctic.nadm.navy.mil (8.6.12/8.6.12) id XAA07712; Wed, 3 Jul 1996 23:39:23 -0400
Date: Wed, 3 Jul 1996 23:39:23 -0400 (EDT)
From: Bob Bruninga <bruninga@nadm.navy.mil>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:2745] APRS DFjr
In-Reply-To: <31DB4D4F.7DC3@worldnet.att.net>
Message-ID: <Pine.SUN.3.91.960703233826.7539F-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 3 Jul 1996, William Nolle wrote:

> I was trying to setup APRS with the DFjr using the MPA and what i was
> wondering it still has the window in the upper right corner asking to move
> the cursor to your qth then press I-M position. Is that going to be there
> all the time even when running mobil?, or did i do something wrong. I

APRSDOS REPLY COMMENT: It will be there until you get a POSIT, OR until you restart the program. Once you re-start APRS it will go away.

de wb4apr@amsat.org

From gerry@cs.tamu.edu Wed Jul 03 22:38:28 1996
Received: from cs.tamu.edu (clavin.cs.tamu.edu [128.194.130.106]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id WAA24142 for <aprssig@tapr.org>; Wed, 3 Jul 1996 22:38:27 -0500 (CDT)
Received: from solar.cs.tamu.edu (2961@solar.cs.tamu.edu [128.194.132.1]) by cs.tamu.edu (8.6.10/8.6.4) with ESMTP id WAA08412 for <aprssig@tapr.org>; Wed, 3 Jul 1996 22:38:24 -0500
From: Gerald J Creager <gerry@cs.tamu.edu>
Received: (gerry@localhost) by solar.cs.tamu.edu (8.6.10/8.6.4) id WAA02349 for aprssig@tapr.org; Wed, 3 Jul 1996 22:36:48 -0500

Message-Id: <199607040336.WAA02349@solar.cs.tamu.edu>
Subject: Re: [APRSSIG:2686] Re: Signal level from Shuttle?
To: aprssig@tapr.org
Date: Wed, 3 Jul 1996 22:36:48 -0500 (CDT)
In-Reply-To: <31D9EFD1.D9@nmaa.org> from "Mark L. Bary" at Jul 2, 96 08:03:42 pm
X-Mailer: ELM [version 2.4 PL25]
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

OK, OK... I *can* see the humopr, but I just gotta respond :-)

Mark L. Bary sez:

>

> Except when the Shuttle is on it's back! Then the antenna is pointed
> down and forward.

Which turns out to be a pretty near optimal orientation for RF emmissions toward the earth.

The antenna's patern is best described as a torus of nearly unity gain at the maximal widths of the torus, with a half-cone angle of about 85 degrees and a half-cone of virtual exclusion of about 5 degrees. This ignores the angle of takeoff of the torus of about 7.5 degrees at the feedpoint, generally caused by its cavity nature. Oh, yes... This sounds an awful lot like a 1/4 wave ground plane.

> My understanding is that much of the time the shuttle is _normally_ on
> it's back with the payload bay looking down at the Earth; this mission
> has it "right side up" more often than other missions. Another source
> says this mission has the Shuttle "swapping ends" more often than in
> other missions too (i.e. sometimes the nose is pointing in the direction
> of flight, sometimes the tail).

One-wng-low is not unusual for missions with significant pointing requirements. One of our nightmares earlier in the program was trying to determine attitudes from the Attitude TimeLine (ATL) before the FAO folks started helping with that. WA5NOM and I spent a lot fo modelling and database time attempting to determine the best window for ops. And for those of you who understand the Right Hand Rule of spacecraft attitudes, more'n once, Gil and I really could have used splints after a long ATL interpretation session.

> Now, if they just had a good mag mount..... or how about an EVA to attach
> one of those thru the glass antennas?! Let's see, at about \$50 per
> antenna mount, I think they could afford to let it burn up during
> reentry. And if it didn't, think of the advertisement campaign a company
> could mount!! Hmmm. But of course NASA wouldn't pay off-the-shelf
> prices, so I guess it would run them about \$1,500 per antenna. Well, at
> that rate they might have to ask everybody to send in a "green stamp" for
> the QSL card...

the glass is too thick! We investigated the Thru-the-Glass technology a couple of years ago several times, to make sure we didn't miss something. It

can be done, but it's more efficient to send the AF out by laser, decode taht and then transmit it. Oh, and we considered THAT once too.

The most promising option, IF they were'nt winding down the Spacelab module program, is to use a SAFEX-like antenna on the aft endcone vent plate, and incorporate that as a programmatic engineering change. Then, it's normally there, but if someone has a requirement for that vent plate, it's an added cost and impact to the design for them to use it!

Oh, yes... nothing magnetic to stick the mag-mount to.... darn it!

> Please flame me direct if you didn't see the attempt at humor in the
> above paragraph.... 8-)
OK!

Gerry

From bruninga@nadn.navy.mil Wed Jul 03 22:57:57 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id WAA24923 for <aprssig@tapr.org>; Wed, 3 Jul 1996 22:57:54 -0500 (CDT)
Received: (from bruninga@localhost) by arctic.nadn.navy.mil (8.6.12/8.6.12) id XAA07848; Wed, 3 Jul 1996 23:58:52 -0400
Date: Wed, 3 Jul 1996 23:58:51 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
To: aprssig@tapr.org
cc: amsat-bb@amsat.org
Subject: APRS Sarex report (12)
Message-ID: <Pine.SUN.3.91.960703122959.23519G-100000-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

More data came in for 3 July so here it is again updated. Packets really popping this morning! (3 July). Apparently the new shuttle orientation since midday yesterday has improved performance. Overall packet statistics were improved by todays passes giving us 14 days of SAREX activity, 17 voice passes and 19 packet passes. There are now 25 passes with no activity (not counting the 5 on 22nd and any SCHOOL passes).

Eight APRS stations have been successful (20 pkts). Email shows that seven APRS stations are trying every pass: WA8INZ, WB6LLO, KB0UZQ, KD4EMI N2THO, WB4APR, KC5EJK. Other stations catching passes when they can are N3MNT, N3IVO, N8EDU, AD4BL, N2QAE, WA1LOU, KC7CO, N1CPE, WB5QLD, K1HJC, KE6AFE, KU0G WB4LTF, N5RKN, KC4NHB, AB5GE, KG0DW, KD1SM, N1JDU, KF4DYS, KK6IB, N6HNY. Comparing our success rate 20 pkts (for 29 people) to 1100 QSO#s could imply 1700 packet stations worldwide trying conventional SAREX, all things being equal. That sounds about right? If you have other data or are not listed, pse report.

DAY	EDT	ZULU	COMMENTS
21	1745	2145z	Voice K04HD Fl Keys
21		2238z	Voice WB6LLO San Diego, and W5GEL Texas

22 0915 1315z through 1400 on 23 June nothing heard on 9 passes
23 1535 1935z voice heard in S. Fla
23 2110z Voice heard in Calif
24 0740 1140z nothing heard on next 4 passes
24 1355 1755z voice reported in Texas END FIELD DAY
24 1530 1930z nothing heard on next 3 passes
25 1045 1445z I missed the pass (Any reports of activity?)
25 1230 1620z Voice over usa. They said Packet soon!
25 1400 1750z Voice over USA
26 0730 1130z Packet reported fm Alabama
26 0904 1304z Packet reported in Houston & East. QSO#'s 104 to 130
1313? K1HJC>FN43HB,W5RRR-1*>APRS 0.5 on line *** First POSIT
1010 1610z packets. QSO#'s 141
26 1356 1756z packets over USA QSO#'s 214
26 1500 1900z ? (I missed it. Anyone else have a report?)
27 0725 1125z nothing heard this pass and the 0900 EDT pass
27 1035 1435z voice heard on this and 1610z, and 1745z passes
27 1510 1910z ? (i missed it. Anyone else have a report?)
28 0725 1125z 22 packets copied in Maryland
28 0900 1300z 27 pkts reported in TX and AL by KB0UZQ and KE4EER
28 1036 1436z voice heard
28 1915z packets heard in Calif. WB6LLO "success"
29 0730 1130z voice heard
29 0900 1300z nothing heard
29 1027 1427z QSO#586. KE6AFE Posit reported? (someone send me a copy)
1433z WB4LTF>EL98IP,W5RRR-1*:Orlando FL
1436z N8DEU>EM64QS,W5RRR-1*: [GS]Tim at Huntsville, AL (TNC only)
29 1346 1746z Voice reported in FL
29 1911z WB6LLO APRS success reported in Calif? (Anyone see it?)
1920z Voice reported in Honduras
30 0545 0945z QSO#672. KE4EER>EM64SX,W5RRR-1*:Bill, Hazel Green AL V7.6e
30 0720 1120z QSO#729.
30 0850 1250z 9 weak pkts heard in MD. Weak pkts hrd in SoCAL
30 1023 1423z nothing heard in SoCAL
30 1157 1557z voice on west coast and in AL
30 1732z nothing heard in Calif
30 1906z WB6LLO gets "CONGRATS"
01 0405 0805z Strong voice reported
01 0540 0950z KE4EER reports strong voice in AL
01 0720 1120z Voice heard in MD working Michigan
01 0850 1250z nothing (someone reported weak packet?)
01 1025 1425z nothing. Weak pkts then voice reported in Salt Lake City
01 1200 1600z nothing
02 0422 0822z no packets detected in MD
02 0540 0940z no packets detected in MD
02 0722 1122z no packets detected in MD
02 0842 1242z nothing
02 1413z Voice full quieting over Utah
02 1547z nothing heard in MD. But following heard in Florida
WA8INZ>W5RRR-1*>EM64SX:@021000/3458.49N/08629.87W yBills Laptop
WA8INZ>W5RRR-1*>EM64SX:Bill, Hazel Green, AL v76
02 1726z nothing heard (weak packets heard in Utah and Honduras)
03 0530 0930z KB0UZQ gets 3rd CONGRATS (still waiting for confirmation)

03 0534 0934a 21 pkts hrd in Dallas, 26 in MD. QSO#893-914. And 2 APRS
 KC5EJK>W5RRR-1*>APRS:[EM120U]
 N1JDU>W5RRR-1?>FN42LK (not confirmed via RRR-1 yet)
 KD1SM got a congrats! (Anyone get a copy?)

03 0707 1107z 6 Pkts heard in MD. QSO#971-975
 KG0DW got a congrats! (Anyone get a copy?)
 KB0UZQ>EM22QJ,W5RRR-1*:

03 0838 1238z 39 pkts heard in Dallas, 3 in MD, 34 in FL. QSO#1010-1035
 1238z WB6LL0 030540 /261214/3247.03N/11711.35WSdm12js0
 Above rcvd twice by KK6IB only 30 mi away. Suspect Direct?
 1238z N6HNY>DM04RK,W5RRR-1*:DM04RK
 KC5EJK>W5RRR-1*>APRS:[EM120U]
 1244z WA8INZ>W5RRR-1*>EM64SX:Bill, Hazel Green, AL v76d
 1247z WB4LTF>W5RRR-1*>EL98IP:Casselberry Fl

03 1020 1420z Weak voice (canadian) heard in MD for 1st half of pass
 03 1550z K04HD reports carrier bursts near end but no audio
 03 1720z out of view of east coast

Still need someone who saw KE6AFE and WB6LL0 APRS packets.
 I still have three passes unaccounted for.. If you have raw data to fill
 in or correct entries above, please send them to me. I would also like
 to get the QSO#'s for every packet pass. (stupid me, was not in auto
 mode for todays sleeptime passes (tho I was up till 0230 making a rush
 map of Fon Du Lak wisconsin!)

de wb4apr@amsat.org

From kene@fairchild.lmco.com Wed Jul 03 23:02:18 1996
 Received: from cs.tamu.edu (clavin.cs.tamu.edu [128.194.130.106]) by tapr.org
 (8.7.5/8.7.3/1.9) with SMTP id XAA25247 for <aprssig@tapr.org>; Wed, 3 Jul 1996
 23:02:16 -0500 (CDT)
 Received: from solar.cs.tamu.edu (2961@solar.cs.tamu.edu [128.194.132.1]) by
 cs.tamu.edu (8.6.10/8.6.4) with ESMTP id XAA08913 for <aprssig@tapr.org>; Wed, 3
 Jul 1996 23:02:13 -0500
 Received: (gerry@localhost) by solar.cs.tamu.edu (8.6.10/8.6.4) id XAA02697 for
 aprssig@tapr.org; Wed, 3 Jul 1996 23:00:37 -0500
 Received: from amsat.org (amsat.org [128.54.16.15]) by cs.tamu.edu (8.6.10/8.6.4)
 with ESMTP id UAA06245 for <gerry@cs.tamu.edu>; Wed, 3 Jul 1996 20:12:12 -0500
 Received: (daemon@localhost) by amsat.org (8.7.5/8.6.9) id QAA23160 for sarex-
 list; Wed, 3 Jul 1996 16:42:00 -0700 (PDT)
 Errors-To: owner-sarex@amsat.org
 Sender: gerry@cs.tamu.edu
 Precedence: List
 Received: from none.at.helo (medusa.fairchild.lmco.com [158.186.88.2]) by
 amsat.org (8.7.5/8.6.9) with SMTP id QAA23150 for <sarex@amsat.org>; Wed, 3 Jul
 1996 16:41:58 -0700 (PDT)
 Received: from kevin.fairchild.lmco.com by fairchild.lmco.com with smtp
 (Smail3.1.29.1 #9) id m0ubXrS-003E53C; Wed, 3 Jul 96 15:45 EDT
 Message-Id: <m0ubXrS-003E53C@fairchild.lmco.com>
 X-Sender: kene@mailhost.fairchild.lmco.com
 X-Mailer: Windows Eudora Light Version 1.5.2
 Mime-Version: 1.0
 Content-Type: text/plain; charset="us-ascii"
 Date: Wed, 03 Jul 1996 15:45:49 -0400
 To: sarex@amsat.org
 From: Ken Ernandes <kene@fairchild.lmco.com>
 Subject: STS-78 Rev 212 Orbital Data

S T S - 7 8 O R B I T A L D A T A

Below is the current State Vector and Keplerian Elements for STS-78.
 The vector data comes from NASA; the orbital parameters were computed
 from the vector. Hourly vector updates are available from NASA GSFC
 OIG RAID RBBS at (301) 262-6782 or by telnet: oig1.gsfc.nasa.gov
 (UserID = oig / Password = goddard1).

Vector format = 117
 Satellite Name: STS-78
 Catalog Number: 23931 96036A
 Epoch Date/Time: 96185.79263657407
 07/03/1996 19:01:23.799 UTC
 EFG E: -7073087 ft
 F: -20595669 ft
 G: 951611 ft

Edot: 16957.19 ft/s
Fdot: -6584.72 ft/s
Gdot: -15968.89 ft/s
ndot/2 (drag): 0.00221036406 rev/day^2
nddt/6: 2.03162E-07 rev/day^3
Bstar: 3.19594E-04 1/Earth Radii
Elset #: 45
Rev @ Epoch: 212.48868163110

Launch was 20-JUN-96 / 14:49:00.093

The following Keplerian elements were computed by VEC2TLE from this vector using a 3.3 drag multiplier:

STS-78

1 23931U 96036A 96185.79263657 .00221036 20316-6 31959-3 0 450
2 23931 39.0119 281.5668 0005956 9.0094 166.9158 16.04199967 2129

Satellite: STS-78

Catalog number: 23931

Epoch time: 96185.79263657

Element set: 45

Inclination: 39.0119 deg

RA of node: 281.5668 deg

Eccentricity: 0.0005956

Arg of perigee: 9.0094 deg

Mean anomaly: 166.9158 deg

Mean motion: 16.04199967 rev/day

Decay rate: 2.21036e-03 rev/day^2

Epoch rev: 212

Checksum: 336

VEC2TLE may be downloaded from:

[ftp.amsat.org /amsat/software/PC/util](ftp://amsat.org/amsat/software/PC/util)

Ken Ernandes

n2wwd@amsat.org

From bruninga@nadm.navy.mil Wed Jul 03 23:05:40 1996

Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id XAA25704 for <aprssig@tapr.org>; Wed, 3 Jul 1996 23:05:38 -0500 (CDT)

Received: (from bruninga@localhost) by arctic.nadm.navy.mil (8.6.12/8.6.12) id AAA08096; Thu, 4 Jul 1996 00:06:36 -0400

Date: Thu, 4 Jul 1996 00:06:36 -0400 (EDT)

From: Bob Bruninga <bruninga@nadm.navy.mil>

To: aprssig@tapr.org

Subject: Re: [APRSSIG:2746] Re: Signal level from Shuttle?

In-Reply-To: <199607040254.VAA01845@solar.cs.tamu.edu>

Message-ID: <Pine.SUN.3.91.960704000238.7539K-100000@arctic>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 3 Jul 1996, Gerald J Creager wrote:

> Except that, neither W1 nor W6 are facing earth. they are the aft-most
> windows in the forward flight deck.

APRSdos REPLY COMMENT: Ger, this is still meaningless to me. There are two windows forward, and two to the sides of the "windshield" areent there? Then there are two little windows that are the aft-most looking into the payload bay. Which ones are you talking about as being the aft most?

Most of us dont know where the "forward flight deck" ends and what ever else begins.

Are these two windows the ones facing mostly sideways? Put the answer in laymans terms relative to the most casual observer, hi hi Thanks.

de wb4apr@amsat.org

From KSwaggart@aol.com Wed Jul 03 23:44:30 1996
Received: from emout10.mail.aol.com (emout10.mx.aol.com [198.81.11.25]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id XAA29459 for <aprssig@tapr.org>; Wed, 3 Jul 1996 23:44:27 -0500 (CDT)
From: KSwaggart@aol.com
Received: by emout10.mail.aol.com (8.6.12/8.6.12) id AAA28817 for aprssig@tapr.org; Thu, 4 Jul 1996 00:44:43 -0400
Date: Thu, 4 Jul 1996 00:44:43 -0400
Message-ID: <960704004443_230802822@emout10.mail.aol.com>
To: aprssig@tapr.org
Subject: Hurricane posit extractor

Hi APRSers!

I've uploaded WXHURR1.ZIP and .TXT to tapr/SIG/aprssig/files/upload

This APRS utility reads the marine tropical storm warnings from the National Hurricane Center and creates an APRS backup file, which can then be loaded into APRS. It plots both the storms position and max radius of storm winds and the projected track. It is based on WB4APR's NWSPARSE.BAS, but highly modified.

The executable and source code are included, as well as some short instructions with the Internet address to retrieve the warnings. Also, I included one of the Boris warnings so you can see how it works.

It was debugged on TS Boris warnings. Boris hit the west coast of Mexico last weekend.

If there are any minor changes to the marine tropical advisory format, it will have to be modified - I tried to cover all the situations I've seen so far.

Hope this is of some use this Hurricane season.

73, Ken, W7KKE
kswaggart@aol.com

From ki5vm@flash.net Thu Jul 04 00:15:27 1996
Received: from defiant (defiant.flash.net [208.194.223.9]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id AAA04041 for <aprssig@tapr.org>; Thu, 4 Jul 1996
00:15:25 -0500 (CDT)
Received: from ki5vm (dpm1-142.flash.net [208.194.205.142]) by defiant
(8.6.12/8.6.9) with SMTP id AAA13274 for <aprssig@tapr.org>; Thu, 4 Jul 1996
00:15:23 -0500
Message-ID: <31DB5372.55FF@flash.net>
Date: Thu, 04 Jul 1996 00:15:30 -0500
From: "David W. McNeil" <ki5vm@flash.net>
Organization: Flashnet Communications
X-Mailer: Mozilla 2.01KIT (Win95; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Darn the luck.
References: <199607040508.AAA13078@defiant>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Missed again. This time had interference from KI5EX and KA5GAC, a couple
of local packeteers who decided to hold a QSO on the SAREX freq. during
the pass.

From ku0g@sprynet.com Thu Jul 04 05:00:58 1996
Received: from m1.sprynet.com (m1.sprynet.com [165.121.1.97]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id FAA14705 for <aprssig@tapr.org>; Thu, 4 Jul 1996
05:00:56 -0500 (CDT)
From: ku0g@sprynet.com
Received: from [199.174.132.23] (ad05-023.compuserve.com [199.174.132.23]) by
m1.sprynet.com (8.6.12/8.6.12) with SMTP id CAA28810 for <aprssig@tapr.org>; Thu,
4 Jul 1996 02:58:45 -0700
Date: Thu, 4 Jul 1996 02:58:45 -0700
Message-Id: <199607040958.CAA28810@m1.sprynet.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Subject: Re: [APRSSIG:2746] Re: Signal level from Shuttle?
To: aprssig@tapr.org
In-Reply-To: <199607040254.VAA01845@solar.cs.tamu.edu>
X-Mailer: SPRY Mail Version: 04.00.06.21

On Wed, 3 Jul 1996, Gerald J Creager <gerry@cs.tamu.edu> wrote:
>ku0g@sprynet.com sez:

>>

>> Just a note....From NASA Select TV (Satellite S2, Xpndr 9), Columbia is now
in

>> the normal payload bay-to-earth configuration. This means that the entire
upper

>> surface of the spacecraft is facing ground. Hopefully signals will now be much
>> stronger! Get ready for the full-quiet signals!
>
>Except that, neither W1 nor W6 are facing earth. they are the aft-most
>windows in the forward flight deck.

Ya, BUT at least the windows ARE on the EARTH side of the spacecraft in a leading position to the path of the orbit. This places the antenna perpendicular to the surface of the earth with the best radiation pattern to be in the forward direction of the orbit. Stands to reason then that signals will be better on APPROACH rather than departure...

>

>

Best 73,
Jim Duncan, KU0G
APRS--Kansas City Coordinator
EMail: ku0g@sprynet.com

From ke4eer@worldnet.att.net Thu Jul 04 06:18:06 1996
Received: from mailhost.worldnet.att.net (mailhost.worldnet.att.net [204.127.129.3]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id GAA16813 for <aprssig@tapr.org>; Thu, 4 Jul 1996 06:18:04 -0500 (CDT)
Received: by mailhost.worldnet.att.net (SMI-8.6/SMI-SVR4) id LAA12100; Thu, 4 Jul 1996 11:17:33 GMT
Received: from 251.dallas-1.tx.dial-access.att.net(199.69.132.251) by mailhost.worldnet.att.net with SMTP id A12060; Thu Jul 4 11:17:04 1996
Message-ID: <31DBC44B.7DD1@worldnet.att.net>
Date: Thu, 04 Jul 1996 06:16:59 -0700
From: William Nolle <ke4eer@worldnet.att.net>
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: STS-78
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Well i made the 3th pass for this morning and seen many confermations but i still can't save them or even look at them once i hit the spacebar. I did get two CONGRATS messages and something i didn't notice before the upper right window said Mode is set to success. Also there was a message in one of the STS-78 beacons wishing everyone a happy 4th of July. i heard STS-78 24 times on thes pass.

--

Bill WA8INZ
ke4eer@worldnet.att.net
ke4eer@amsat.org

From kd1sm@zipnet.net Thu Jul 04 07:08:16 1996
Received: from mail.zipnet.net (mail.zipnet.net [199.232.240.10]) by tapr.org

(8.7.5/8.7.3/1.9) with ESMTP id HAA18385 for <aprssig@tapr.org>; Thu, 4 Jul 1996 07:08:15 -0500 (CDT)

Received: from swick.zipnet.net (ip78-max1-fitch.zipnet.net [199.232.245.78]) by mail.zipnet.net (8.7.3/8.7.3) with SMTP id IAA17465 for <aprssig@tapr.org>; Thu, 4 Jul 1996 08:08:13 -0400 (EDT)

Date: Thu, 4 Jul 96 08:03:05 PDT

From: "Ralph R. Swick" <kd1sm@zipnet.net>

Sender: "Ralph R. Swick" <Ralph@swick.zipnet.net>

Subject: Re: [APRSSIG:2751] SAREX/APRS reception report

To: aprssig@tapr.org

X-Mailer: Chameleon - TCP/IP for Windows by NetManage, Inc.

Message-ID: <Chameleon.4.01.960704080816.Ralph@swick.zipnet.net>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

Wed, 3 Jul 1996 22:50:26 -0500 (CDT) Bob Bruninga <bruninga@nadm.navy.mil>:

> > N1JDU 030939 FN42LK

APRSDOS REPLY COMMENT: This report is confusing. The DIGIS page does not show times.

You are right. Earlier today I sent you a full report showing exactly what's on my Latest beacons page. It verifies the reception of N1JDU's report via W5RRR-1. I apologize for trying to use an abbreviated format for my initial reception report. I'll transcribe more clearly next time.

(And I confirm N1JDU's previous report of hearing the digipeat of WB4LTF EL98IP at 1246z yesterday, as I also included to Bob in this morning's mail.)

-Ralph kd1sm
kd1sm@zipnet.net

From Kt4ll@aol.com Thu Jul 04 07:15:19 1996

Received: from emout08.mail.aol.com (emout08.mx.aol.com [198.81.11.23]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id HAA18623 for <aprssig@tapr.org>; Thu, 4 Jul 1996 07:15:17 -0500 (CDT)

From: Kt4ll@aol.com

Received: by emout08.mail.aol.com (8.6.12/8.6.12) id IAA23804 for aprssig@tapr.org; Thu, 4 Jul 1996 08:15:41 -0400

Date: Thu, 4 Jul 1996 08:15:41 -0400

Message-ID: <960704081540_348608137@emout08.mail.aol.com>

To: aprssig@tapr.org

Subject: Remote U-II and KPC-3

We are putting up remote wx stations using the U-II and KPC-3's. What is needed to connect the tnc to the wx station? Is the pc data logging cable that Pete Bros. sells the proper cable for the job? Or is something else needed???

Thanks...

kt411

From james.mollica@compudata.com Thu Jul 04 07:28:46 1996
Received: from mailman.compudata.com (root@mailman.compudata.com [204.183.163.2])
by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id HAA19098 for <APRSSIG@TAPR.ORG>; Thu,
4 Jul 1996 07:28:44 -0500 (CDT)
Received: from compudata.com (bbs [204.183.163.3]) by mailman.compudata.com
(8.7.3/8.7.3) with SMTP id HAA03968 for APRSSIG@TAPR.ORG; Thu, 4 Jul 1996 07:49:08
-0400
To: APRSSIG@tapr.org
Subject: RE: APRS SAREX RPT 12
From: james.mollica@compudata.com (JAMES MOLLICA)
Message-ID: <8C3D18C.01F401D47C.uuout@compudata.com>
Date: Thu, 04 Jul 96 06:36:00 -0400
Organization: Compu-Data -- Turnersville, NJ -- 609-232-7747
Reply-To: james.mollica@compudata.com (JAMES MOLLICA)
References: <Pine.SUN.3.91.960703122959.23519G-100000-100000@arctic>
X-Mailreader: PCBoard Version 15.22
X-Mailer: PCBoard/UUOUT Version 1.20

BB>03 0534 0934a 21 pkts hrd in Dallas, 26 in MD. QSO#893-914. And 2 APRS
> KC5EJK>W5RRR-1*>APRS:[EM120U]
> N1JDU>W5RRR-1?>FN42LK (not confirmed via RRR-1 yet)
> KD1SM got a congrats! (Anyone get a copy?)
>03 0707 1107z 6 Pkts heard in MD. QSO#971-975
> KG0DW got a congrats! (Anyone get a copy?)
> KB0UZQ>EM22QJ,W5RRR-1*:

>From BL030713.LOG (7-3-96 7:13a Eastern)

W5RRR-1*>QST <I;0,3>:
W5RRR-1*>KA1DLK <I;0,0>:#975-is your STS-78 SAREX QSO number.
W5RRR-1*>SAREX <UI>:#973-is your STS-78 SAREX QSO number.
W5RRR-1*>SAREX <UI>:#975-is your STS-78 SAREX QSO number.
W5RRR-1*>N2SFY <I;0,0>:#977-is your STS-78 SAREX QSO number.
W5RRR-1*>N1RIJ <DM,F>
W5RRR-1*>N2ZHY <UA,F>
KD1SM>W5RRR-1*>FN42D0 <UI>:APRS 0.5 on line.
W5RRR-1*>N2ZHY <I;0,0>:#978-is your STS-78 SAREX QSO number.
W5RRR-1*>SAREX <UI>:This is STS-78 SAREX Robot station W5RRR-1
onboard the Space Shuttle Columbia.
W5RRR-1*>N1JEZ <I;0,0>:#979-is your STS-78 SAREX QSO number.
W5RRR-1*>N2SFY <I;0,0>:#977-is your STS-78 SAREX QSO number.
W5RRR-1*>N2ZHY <I;0,0>:#978-is your STS-78 SAREX QSO number.
W5RRR-1*>N1JEZ <I;0,0>:#979-is your STS-78 SAREX QSO number.
^

Sure would like to have control over the xmit timer feature
when in SPACE mode in APRTRAK.06. Its a good idea if all
other stations trying to uplink used Aprtrak but a major
disadvantage going up against users with terminal pgms
and tncs set very aggressive. Good feature for unattended

operation in AUTO-SPACE mode.

* 1st 2.00 #1439 * N2NRD @ AMSAT.ORG

From dwetzel@slkc.uswest.net Thu Jul 04 07:53:28 1996
Received: from slkc1.slk.uswest.net (slkc1.slk.uswest.net [206.81.128.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id HAA20276 for <aprssig@tapr.org>; Thu, 4 Jul 1996 07:53:26 -0500 (CDT)
Received: from 70571,3005.compuserve.com (dialup30.slk.uswest.net [206.81.128.39]) by slkc1.slk.uswest.net (8.6.12/8.6.12) with SMTP id GAA06029 for <aprssig@tapr.org>; Thu, 4 Jul 1996 06:53:24 -0600
Message-ID: <31DBBEC3.244@slkc.uswest.net>
Date: Thu, 04 Jul 1996 06:53:23 -0600
From: Doug Wetzel <dwetzel@slkc.uswest.net>
X-Mailer: Mozilla 2.01 (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: SAREX
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

041230Z Pass

Columbia on voice over Utah this pass, full quieting.

Doug
KC7CO

From steve@muskoka.com Thu Jul 04 07:55:23 1996
Received: from gold.muskoka.com (root@gold.muskoka.com [204.101.78.5]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id HAA20371 for <aprssig@tapr.org>; Thu, 4 Jul 1996 07:55:20 -0500 (CDT)
Received: from Psteve.muskoka.com (ppp27.muskoka.com [204.101.78.57]) by gold.muskoka.com (8.6.12/8.6.9) with SMTP id JAA12325 for <aprssig@tapr.org>; Thu, 4 Jul 1996 09:27:33 -0400
Message-Id: <1.5.4.32.19960704125516.0067d984@muskoka.com>
X-Sender: steve@muskoka.com
X-Mailer: Windows Eudora Light Version 1.5.4 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Thu, 04 Jul 1996 08:55:16 -0400
To: aprssig@tapr.org
From: steve <steve@muskoka.com>
Subject: Re: [APRSSIG:2760] STS-78

At 06:18 7/4/96 -0500, you wrote:

>Well i made the 3th pass for this morning and seen many confermations but
>i still can't save them or even look at them once i hit the spacebar. I
>did get two CONGRATS messages and something i didn't notice before the
>upper right window said Mode is set to success. Also there was a message
>in one of the STS-78 beacons wishing everyone a happy 4th of July. i
>heard STS-78 24 times on thes pass.
>--

>Bill WA8INZ
>ke4eer@worldnet.att.net
>ke4eer@amsat.org
>
>
Hi All,

Well I finally downloaded aprtrak6 last night and fired it up. I set my
kenwood up
on the right offset. When I got up this am there were two confirms on my screen.

w5rrrr-1>wd4kpg:#1170-is your STS-78 SAREX QSO number

w5rrrr-1>n4mio:#1171-is your STS-78 SAREX QSO number

I also heard some voice above our hydro line noise here. I figured that is
prety good for our location way up here in the Muskoka's of Ontario, Canada...

Best of luck everyone...et 73

Steve Dubois VA3HOI
CANWARN SPOTTER
APARS & WINAPRS
Int: steve@muskoka.com

From ad4bl@juno.com Thu Jul 04 07:59:49 1996
Received: from x4.boston.juno.com (x4.boston.juno.com [205.231.101.22]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id HAA20398 for <aprssig@tapr.org>; Thu, 4
Jul 1996 07:59:48 -0500 (CDT)
Received: (from ad4bl@juno.com) by x4.boston.juno.com (queuemail)
id IAB10555; Thu, 04 Jul 1996 08:59:47 EDT
To: aprssig@tapr.org
Date: Thu, 4 Jul 1996 07:59:01 PST
Subject: SAREX
Message-ID: <19960704.075906.2614.1.ad4bl@juno.com>
X-Mailer: Juno 1.00
X-Juno-Line-Breaks: 0-11
From: ad4bl@juno.com (Linda G Mullen)

Heard from this location Panama City FL [3013.81n 08540.35w]

1100Z W9HAD SAREX QSO # 1169
1100Z N4MIO SAREX QSO # 1171
1100Z NOCALL SAREX QSO # 1172
1101Z W2RS SAREX QSO# 1173

Pass at 1236 Z was a voice pass at this location

Linda AD4BL
24hr tracking using APRS 7.6d

From ad4bl@juno.com Thu Jul 04 08:24:21 1996
Received: from x4.boston.juno.com (x4.boston.juno.com [205.231.101.22]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id IAA21598 for <aprssig@tapr.org>; Thu, 4 Jul 1996 08:24:19 -0500 (CDT)
Received: (from ad4bl@juno.com) by x4.boston.juno.com (queuemail) id JAA12788; Thu, 04 Jul 1996 09:24:14 EDT
To: aprssig@tapr.org
Date: Thu, 4 Jul 1996 08:23:17 PST
Subject: SAREX more
Message-ID: <19960704.082318.2614.2.ad4bl@juno.com>
X-Mailer: Juno 1.00
X-Juno-Line-Breaks: 1-2,4-6,8-10
From: ad4bl@juno.com (Linda G Mullen)

On 1024Z pass I copied Sarex QSO confirmation #'s 1108-1118 with the exception of 1114

On 1158Z pass I copied Sarex QSO confirmation #'s 1158-1173 with the exception of 1170

I have WA8INZ on my map at 1200Z Position list shows him being digipeated by W5RRR-1 but have no way of confirming QSO #

Linda AD4BL

From bruninga@nadm.navy.mil Thu Jul 04 09:04:02 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id JAA24080 for <aprssig@tapr.org>; Thu, 4 Jul 1996 09:04:00 -0500 (CDT)
Received: (from bruninga@localhost) by arctic.nadm.navy.mil (8.6.12/8.6.12) id KAA13206; Thu, 4 Jul 1996 10:04:59 -0400
Date: Thu, 4 Jul 1996 10:04:59 -0400 (EDT)
From: Bob Bruninga <bruninga@nadm.navy.mil>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:2763] RE: APRS SAREX RPT 12
In-Reply-To: <8C3D18C.01F401D47C.uuout@compudata.com>
Message-ID: <Pine.SUN.3.91.960704095953.12724F-1000000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
Content-Transfer-Encoding: QUOTED-PRINTABLE

On Thu, 4 Jul 1996, JAMES MOLLICA wrote:

> =FF
> Sure would like to have control over the xmit timer feature
> when in SPACE mode in APRTRAK.06.

APRSDOS REPLY COMMENT: There are 3 ways to control your TRANSMISSION using APRS or APRtrak:

1) If in SPACE (or AUTOSPACE for 0.6) then your BEACON timer will be=20 reset as soon as your station hears the 1st packet *FROM* W5RRR-1

2) You may force your BEACON at any time by hitting the XMT-BEACON cmd

3) You can also reset your own BEACON timer by re-entering your BEACON.
Simply hit alt-B and type your very brief BText again.

For SAREX all we want are BEACONS, since they contain your GRID Square
posit in the shortest possible format..

de wb4apr@amsat.org

From dwetzel@slkc.uswest.net Thu Jul 04 09:14:06 1996

Received: from slkc1.slk.uswest.net (slkc1.slk.uswest.net [206.81.128.1]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id JAA24515 for <aprssig@tapr.org>; Thu, 4
Jul 1996 09:14:05 -0500 (CDT)

Received: from 70571,3005.compuserve.com (dialup18.slk.uswest.net
[206.81.128.27]) by slkc1.slk.uswest.net (8.6.12/8.6.12) with SMTP id IAA06409
for <aprssig@tapr.org>; Thu, 4 Jul 1996 08:14:03 -0600

Message-ID: <31DBD1AB.24BE@slkc.uswest.net>

Date: Thu, 04 Jul 1996 08:14:03 -0600

From: Doug Wetzel <dwetzel@slkc.uswest.net>

X-Mailer: Mozilla 2.01 (Win95; I)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: SAREX

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

041404Z Pass

Columbia (VA3CSA) on voice - full quieting this pass

Doug

KC7CO

From bruninga@nadn.navy.mil Thu Jul 04 09:14:25 1996

Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id JAA24539 for <aprssig@tapr.org>; Thu, 4
Jul 1996 09:14:22 -0500 (CDT)

Received: (from bruninga@localhost) by arctic.nadn.navy.mil (8.6.12/8.6.12) id
KAA13353; Thu, 4 Jul 1996 10:15:19 -0400

Date: Thu, 4 Jul 1996 10:15:19 -0400 (EDT)

From: Bob Bruninga <bruninga@nadn.navy.mil>

To: aprssig@tapr.org

Subject: Re: [APRSSIG:2767] SAREX more

In-Reply-To: <19960704.082318.2614.2.ad4b1@juno.com>

Message-ID: <Pine.SUN.3.91.960704101314.12724G@arctic>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 4 Jul 1996, Linda G Mullen wrote:

> I have WA8INZ on my map at 1200Z Position list shows him being

> digipeated by W5RRR-1 but have no way of confirming QSO #

APRSdos REPLY COMMENT: Thanks for the report! If you see someone on your map, then that is proof of an APRS contact. If you see QS0#'s, then those are all of the other stations using conventional CONNECT requests to the shuttle. We are only tracking those numbers for curiosity, they are unrelated to APRS... Thanks.

de wb4apr@amsat.org

From ad4bl@juno.com Thu Jul 04 09:23:59 1996
Received: from x4.boston.juno.com (x4.boston.juno.com [205.231.101.22]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA25146 for <aprssig@tapr.org>; Thu, 4 Jul 1996 09:23:57 -0500 (CDT)
Received: (from ad4bl@juno.com) by x4.boston.juno.com (queueemail) id KAA19565; Thu, 04 Jul 1996 10:23:53 EDT
To: aprssig@tapr.org
Date: Thu, 4 Jul 1996 09:22:57 PST
Subject: SAREX
Message-ID: <19960704.092258.2614.0.ad4bl@juno.com>
X-Mailer: Juno 1.00
X-Juno-Line-Breaks: 0-4
From: ad4bl@juno.com (Linda G Mullen)

At this location Panama City FL 3013.81n 08540.35w

Voice pass at 1414-1418z

Linda AD4BL

From ke4eer@worldnet.att.net Thu Jul 04 09:46:23 1996
Received: from mailhost.worldnet.att.net (mailhost.worldnet.att.net [204.127.129.3]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id JAA26125 for <aprssig@tapr.org>; Thu, 4 Jul 1996 09:46:21 -0500 (CDT)
Received: by mailhost.worldnet.att.net (SMI-8.6/SMI-SVR4) id OAA15262; Thu, 4 Jul 1996 14:45:49 GMT
Received: from 26.middleton-57.va.dial-access.att.net(207.116.6.26) by mailhost.worldnet.att.net with SMTP id A15169; Thu Jul 4 14:45:29 1996
Message-ID: <31DBF523.1EFA@worldnet.att.net>
Date: Thu, 04 Jul 1996 09:45:23 -0700
From: William Nolle <ke4eer@worldnet.att.net>
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:2767] SAREX more
References: <19960704.082318.2614.2.ad4bl@juno.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Linda G Mullen wrote:

>

> On 1024Z pass I copied Sarex QS0 confirmation #'s 1108-1118 with the
> exception of 1114

>
> On 1158Z pass I copied Sarex QSO confirmation #'s 1158-1173 with the
> exception of
> 1170
>
> I have WA8INZ on my map at 1200Z Position list shows him being
> digipeated by W5RRR-1 but have no way of confirming QSO #
>
> Linda AD4BL

Thanks Linda the QSO number was 1183

--

Bill WA8INZ
ke4eer@worldnet.att.net
ke4eer@amsat.org

From bruninga@nadm.navy.mil Thu Jul 04 10:22:42 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id KAA28037 for <aprssig@tapr.org>; Thu, 4
Jul 1996 10:22:39 -0500 (CDT)
Received: (from bruninga@localhost) by arctic.nadm.navy.mil (8.6.12/8.6.12) id
LAA14262; Thu, 4 Jul 1996 11:23:37 -0400
Date: Thu, 4 Jul 1996 11:23:37 -0400 (EDT)
From: Bob Bruninga <bruninga@nadm.navy.mil>
To: aprssig@tapr.org
cc: amsat-bb@amsat.org
Subject: APRS Sarex report (13)
Message-ID: <Pine.SUN.3.91.960704102028.12724I@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Great day for packet on the 4th of july! Overall packet statistics were
improved by todays passes giving us 15 days of SAREX activity, 18 voice
passes and 22 packet passes. There are now 25 passes with no activity
(not counting the 5 on 22nd and any SCHOOL passes).

Ten APRS stations have been successful (37 pkts). Email shows that
eight APRS stations are trying every pass: WA8INZ,WB6LLO,KB0UZQ,KD4EMI
N2THO,WB4APR,KC5EJK,AD4BL. Other stations doing passes when they can are
N3MNT,N3IVO,N8EDU,AD4BL,N2QAE,WA1LOU,KC7CO,N1CPE,WB5QLD,K1HJC,KE6AFE,KU0G
WB4LTF,N5RKN,KC4NHB,AB5GE,KG0DW,KD1SM,N1JDU,KF4DYS,KK6IB,N6HNY,WA4HEI.
Comparing our success rate 37 pkts (for 30 people) to 1170 QSO#s could
imply a lower bound of 1500 or upper bound of 3500 packet stations
worldwide trying conventional SAREX, all things being equal. Does that
sound about right? If you have other data or are not listed, pse report.

DAY	EDT	ZULU	COMMENTS
21	1745	2145z	Voice K04HD Fl Keys
21		2238z	Voice WB6LLO San Diego, and W5GEL Texas
22	0915	1315z	through 1400 on 23 June nothing heard on 9 passes
23	1535	1935z	voice heard in S. Fla
23		2110z	Voice heard in Calif

24 0740 1140z nothing heard on next 4 passes
 24 1355 1755z voice reported in Texas END FIELD DAY
 24 1530 1930z nothing heard on next 3 passes
 25 1045 1445z I missed the pass (Any reports of activity?)
 25 1230 1620z Voice over usa. They said Packet soon!
 25 1400 1750z Voice over USA
 26 0730 1130z Packet reported fm Alabama
 26 0904 1304z Packet reported in Houston & East. QS0#'s 104 to 130
 1313? K1HJC>FN43HB,W5RRR-1*>APRS 0.5 on line *** First POSIT
 1010 1610z packets. QS0#'s 141
 26 1356 1756z packets over USA QS0#'s 214
 26 1500 1900z ? (I missed it. Anyone else have a report?)
 27 0725 1125z nothing heard this pass and the 0900 EDT pass
 27 1035 1435z voice heard on this and 1610z, and 1745z passes
 27 1510 1910z ? (i missed it. Anyone else have a report?)
 28 0725 1125z 22 packets copied in Maryland
 28 0900 1300z 27 pkts reported in TX and AL by KB0UZQ and KE4EER
 28 1036 1436z voice heard
 28 1915z packets heard in Calif. WB6LL0 "success"
 29 0730 1130z voice heard
 29 0900 1300z nothing heard
 29 1027 1427z QS0#586. KE6AFE Posit reported? (someone send me a copy)
 1433z WB4LTF>EL98IP,W5RRR-1*:Orlando FL
 1436z N8DEU>EM64QS,W5RRR-1*:[GS]Tim at Huntsville, AL (TNC only)
 29 1346 1746z Voice reported in FL
 29 1911z WB6LL0 APRS success reported in Calif? (Anyone see it?)
 1920z Voice reported in Honduras
 30 0545 0945z QS0#672. KE4EER>EM64SX,W5RRR-1*:Bill, Hazel Green AL V7.6e
 30 0720 1120z QS0#729.
 30 0850 1250z 9 weak pkts heard in MD. Weak pkts hrd in SoCAL
 30 1023 1423z nothing heard in SoCAL
 30 1157 1557z voice on west coast and in AL
 30 1732z nothing heard in Calif
 30 1906z WB6LL0 gets "CONGRATS"
 01 0405 0805z Strong voice reported
 01 0540 0950z KE4EER reports strong voice in AL
 01 0720 1120z Voice heard in MD working Michigan
 01 0850 1250z nothing (someone reported weak packet?)
 01 1025 1425z nothing. Weak pkts then voice reported in Salt Lake City
 01 1200 1600z nothing
 02 0422 0822z no packets detected in MD
 02 0540 0940z no packets detected in MD
 02 0722 1122z no packets detected in MD
 02 0842 1242z nothing
 02 1413z Voice full quieting over Utah
 02 1547z nothing heard in MD. But following heard in Florida
 WA8INZ>W5RRR-1*>EM64SX:@021000/3458.49N/08629.87W WyBills Laptop
 WA8INZ>W5RRR-1*>EM64SX:Bill, Hazel Green, AL v76
 1726z nothing heard (weak packets heard in Utah and Honduras)
 03 0532 0932a 21 pkts hrd in Dallas, 26 in MD. QS0#893-914. And 2 APRS
 0932z KB0UZQ>W5RRR-1*>EM29QJ: (four)
 0932z KC5EJK>W5RRR-1*>APRS:[EM120U]
 0933z KG0DW>W5RRR-1*>EN31C0:Hello Columbia from Steve in Des Moines

0937z N1JDU>W5RRR-1*>FN42LK:APRS 0.5 on line (two)
 0937z KD1SM>W5RRR-1*>FN42D0:APRS 0.5 on line (two)
 03 0707 1107z 6 Pkts heard in MD. QSO#971-975
 11??z KG0DW got a congrats! (Anyone get a copy?)
 1111z KD1SM>W5RRR-1*>FN42D0:APRS 0.5 on line
 11??z KB0UZQ>EM22QJ,W5RRR-1*:
 03 0838 1238z 39 pkts heard in Dallas, 3 in MD, 34 in FL. QSO#1010-1035
 1238z WB6LL0 030540 /261214/3247.03N/11711.35Wsdm12js0 (three!)
 1238z N6HNY>DM04RK,W5RRR-1*:DM04RK
 12??z KC5EJK>W5RRR-1*>APRS:[EM120U]
 1244z WA8INZ>W5RRR-1*>EM64SX:Bill, Hazel Green, AL v76d (two)
 1247z WB4LTF>W5RRR-1*>EL98IP:Casselberry FL (six)
 03 1020 1420z Weak voice (canadian) heard in MD for 1st half of pass
 03 1550z K04HD reports carrier bursts near end but no audio
 03 1720z out of view of east coast
 04 0355 0755z N4ZQ>W5RRR-1*>QST:CQ this is radio N4ZQ, Keith in Florida
 04 0530 0930z QSO#s1108-1118
 0930z WB4LTF>W5RRR-1*>EL98IP:Casselberry FL (eight)
 0933z WA4HEI>W5RRR-1*>EN65UX:@EN65ux]^C2
 04 0700 1100z QSO#s1158-1173
 1103z KC5EJK>W5RRR-1*>APRS:[EM120U]
 1103z WA8INZ>W5RRR-1*>EM64SX:Bill, Hazel Green, AL v76d (five)
 1105z AD4BL>W5RRR-1*>EM70DF:AD4BL EM70
 1105z WA4HEI>W5RRR-1*>EN65UX:@EN65ux]^C2
 04 0834 1235z Nothing heard in MD (but Im suspect my ant is marginal)
 04 1000 1400z Heard carrier bursts with doppler, but no voice?

Still need someone who saw KE6AFE APRS packets back on the 29th.
 I still have three passes unaccounted for.. If you have raw data to fill
 in or correct entries above, please send them to me. I also like to get
 the QSO#'s for every packet pass (just 1st and last # pse)

SOAPBOX: OK, we are finally getting some good data, but we need to keep our
 excitement limited to only the minimum necessary to accomplish the
 goal... That is: A position and status on the APRtrak map.

1) there is no need to hit more than one POSIT per pass (maybe 2, one at
 beginning and one at end to cover both geographical areas of the pass).

2) Text that includes your city, location, grid square, or callsign is
 just wasted channel capacity since the APRtrak format already includes
 ALL of that! Of all the status TEXT seen above, the only "info" that
 does not fall into that category is your name. hi hi

Im not trying to dictate what your "status" is, but just suggesting that
 you omit redundant info..

There will be 3 more passes today for the west coast, but I am sending
 this out now, since I will be busy the rest of the day.

de wb4apr@amsat.org

From bruninga@nadm.navy.mil Thu Jul 04 10:27:17 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id KAA28159 for <aprssig@tapr.org>; Thu, 4
Jul 1996 10:27:15 -0500 (CDT)
Received: (from bruninga@localhost) by arctic.nadm.navy.mil (8.6.12/8.6.12) id
LAA14313; Thu, 4 Jul 1996 11:28:12 -0400
Date: Thu, 4 Jul 1996 11:28:12 -0400 (EDT)
From: Bob Bruninga <bruninga@nadm.navy.mil>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:2771] SAREX
In-Reply-To: <19960704.092258.2614.0.ad4bl@juno.com>
Message-ID: <Pine.SUN.3.91.960704112725.12724J@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 4 Jul 1996, Linda G Mullen wrote:

> At this location Panama City FL 3013.81n 08540.35w
>
> Voice pass at 1414-1418z

APRSDos REPLY COMMENT: I think you are doing your ZULU conversion

wrong. Your times are an hour off from everyone else's. If you are in EDT, then it is 4 hours different. Thanks

de wb4apr@amsat.org

From bruninga@nadn.navy.mil Thu Jul 04 10:29:54 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id KAA28265 for <aprssig@tapr.org>; Thu, 4 Jul 1996 10:29:52 -0500 (CDT)
Received: (from bruninga@localhost) by arctic.nadn.navy.mil (8.6.12/8.6.12) id LAA14333; Thu, 4 Jul 1996 11:30:42 -0400
Date: Thu, 4 Jul 1996 11:30:41 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:2771] SAREX
In-Reply-To: <19960704.092258.2614.0.ad4bl@juno.com>
Message-ID: <Pine.SUN.3.91.960704112927.12724L@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 4 Jul 1996, Linda G Mullen wrote:

> Voice pass at 1414-1418z

APRSDOS REPLY COMMENT: MY APPOLIOGIES to Linda for suggesting she did the zulu conversion incorrectly... Someone else did, and I replied to the wrong message.

de wb4apr@amsat.org

From gerry@cs.tamu.edu Thu Jul 04 10:46:23 1996
Received: from cs.tamu.edu (clavin.cs.tamu.edu [128.194.130.106]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id KAA29107 for <aprssig@tapr.org>; Thu, 4 Jul 1996 10:46:21 -0500 (CDT)
Received: from solar.cs.tamu.edu (2961@solar.cs.tamu.edu [128.194.132.1]) by cs.tamu.edu (8.6.10/8.6.4) with ESMTP id KAA14133 for <aprssig@tapr.org>; Thu, 4 Jul 1996 10:46:16 -0500
From: Gerald J Creager <gerry@cs.tamu.edu>
Received: (gerry@localhost) by solar.cs.tamu.edu (8.6.10/8.6.4) id KAA05257 for aprssig@tapr.org; Thu, 4 Jul 1996 10:44:42 -0500
Message-Id: <199607041544.KAA05257@solar.cs.tamu.edu>
Subject: Re: [APRSSIG:2756] Re: Signal level from Shuttle?
To: aprssig@tapr.org
Date: Thu, 4 Jul 1996 10:44:41 -0500 (CDT)
In-Reply-To: <Pine.SUN.3.91.960704000238.7539K-100000@arctic> from "Bob Bruninga" at Jul 3, 96 11:12:28 pm
X-Mailer: ELM [version 2.4 PL25]
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

> > Except that, neither W1 nor W6 are facing earth. they are the aft-most
> > windows in the forward flight deck.

>

> APRSdos REPLY COMMENT: Ger, this is still meaningless to me. There are
> two windows forward, and two to the sides of the "windshield" areent there?
> Then there are two little windows that are the aft-most looking into the
> payload bay. Which ones are you talking about as being the aft most?

Sorry. Once again I messed up by trying to respond when I was too tired to be coherent.

There are 6 windows on the forward flight deck and 4 on the aft flight deck. If you are facing the nose of the Orbiter, looking at her from the front, the two "windshield" windows are W3 and W4. Prime viewing ports, and required to be open or easily cleared, these are only covered with soft window shades for crew sleep times. Immediately to either side of W3 and W4 are W2 (on your right) and W5 on the left. These are more at an angle than "head-on." Proceeding further, the two "side" windows are W1 (on your right) and W6 (on your left). Smaller, harder to get to for Earth Obs operations, these are the 2 principle SAREX windows. The standard antenna mounting plate was designed

to fit these, although the W7-W8 overhead windows in the aft FD also have a mounting plate... which is too small for a good ground plane. Of note: For STS-35, although the W1 and W6 windows were deemed unusable for photo opportunities, Ron Parise, WA4SIR, convinced us to put 2 holes in the plate large enough to shoot a 100mm 35-mm camera lense through in case the need arose to photograph something "right now, through THAT window." Proved to be inspired foresight. Also, it gave us a good handhold to grab the plate for emplacement and removal.

> Most of us dont know where the "forward flight deck" ends and what ever
> else begins.

The "forward Flight Deck is the crew area where the activities of piloting the craft occur. This is where the Pilot (PLT) and Commander (CDR) sit for ascent and entry, and where on-orbit operation of the thrusters can occur. The Aft Flight Deck is the operations area for On-Orbit operations of experiments, data recorders, the Arm, and the like. It's immediately behind the MS seats (three of them are mounted there for ascent and entry), which are detached and stowed for on-orbit operations at the same time the crew are getting out of the Launch and Entry (partial pressure) suits.

> Are these two windows the ones facing mostly sideways? Put the answer in
> laymans terms relative to the most casual observer, hi hi Thanks.

Yes.

For what it's worth, I learned a lot of this the hard way: Asking the guys, when we were doing SAREX training for a number of years. I did a large part of the training, and we decided that a session in the Shuttle trainers at JSC was important. One thing that fell out of that was my opportunity to become better familiar with their terminology of the hardware on the Vehicle. Another was, I forced them to think early on about where they were going to plug everything in... there's limited number of 28-vDC plugs available on the Flight Deck, and even fewer free usually on the Middeck, the lower level of

the Orbiter, where the Crew Hatch and Airlock are located. The Middeck is where WA4SIR operated on STS-35, and found it to be less than ideal. The folks tend to like to look out the windows while they're doing General QSO operations, although if they're talking to a school, they frequently put up the shades and try to configure for TV downlink, if it's available in the datastream and timeline. It's also where the wall of lockers housing everything from SAREX equipment to dinner are kept.

Hope this was a little more responsive.

73, gerry

From gerry@cs.tamu.edu Thu Jul 04 11:01:42 1996
Received: from cs.tamu.edu (clavin.cs.tamu.edu [128.194.130.106]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id LAA29966 for <aprssig@tapr.org>; Thu, 4 Jul 1996 11:01:41 -0500 (CDT)
Received: from solar.cs.tamu.edu (2961@solar.cs.tamu.edu [128.194.132.1]) by cs.tamu.edu (8.6.10/8.6.4) with ESMTP id LAA14378 for <aprssig@tapr.org>; Thu, 4 Jul 1996 11:01:37 -0500
From: Gerald J Creager <gerry@cs.tamu.edu>
Received: (gerry@localhost) by solar.cs.tamu.edu (8.6.10/8.6.4) id LAA05385 for aprssig@tapr.org; Thu, 4 Jul 1996 11:00:03 -0500
Message-Id: <199607041600.LAA05385@solar.cs.tamu.edu>
Subject: Re: [APRSSIG:2758] Darn the luck.
To: aprssig@tapr.org
Date: Thu, 4 Jul 1996 11:00:03 -0500 (CDT)
In-Reply-To: <31DB5372.55FF@flash.net> from "David W. McNeil" at Jul 4, 96 00:27:34 am
X-Mailer: ELM [version 2.4 PL25]
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

David W. McNeil sez:

>
> Missed again. This time had interference from KI5EX and KA5GAC, a couple
> of local packeteers who decided to hold a QSO on the SAREX freq. during
> the pass.

Someone should tactfully tell 'em that the frequency IS allocated for SAREX, but not general Packet activities...

73, gerry

From lcb911@apex2000.net Thu Jul 04 11:13:24 1996
Received: from starone.apex2000.net (starone.apex2000.net [207.18.66.3]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id LAA00680 for <aprssig@tapr.org>; Thu, 4 Jul 1996 11:13:20 -0500 (CDT)
Received: from [207.18.66.112] by starone.apex2000.net (NTMail 3.01.03) id ja024735; Thu, 4 Jul 1996 11:14:38 -0500
Message-Id: <1.5.4.16.19960704111312.10bf4140@apex2000.net>
X-Sender: lcb911@apex2000.net (Unverified)
X-Mailer: Windows Eudora Light Version 1.5.4 (16)

Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: Les Blalock <lcb911@apex2000.net>
Subject: APRS DOS Shell
Date: Thu, 4 Jul 1996 11:14:38 -0500

I finally looked to see why I couldn't shell to DOS from APRS. I use JP Software's 4DOS.COM replacement for COMMAND.COM. (why would anyone use anything else?) Everytime I had tried to shell to DOS, APRS crashed and burned.

For some reason, only COMMAND.COM is recognized so I had to created a batch file to execute ARPS after setting COMSPEC=COMMAND.COM

From 70511.3107@compuserve.com Thu Jul 04 11:16:02 1996
Received: from cs.tamu.edu (clavin.cs.tamu.edu [128.194.130.106]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id LAA00858 for <aprssig@tapr.org>; Thu, 4 Jul 1996 11:15:59 -0500 (CDT)
Received: from solar.cs.tamu.edu (2961@solar.cs.tamu.edu [128.194.132.1]) by cs.tamu.edu (8.6.10/8.6.4) with ESMTP id LAA14548 for <aprssig@tapr.org>; Thu, 4 Jul 1996 11:15:57 -0500
Received: (gerry@localhost) by solar.cs.tamu.edu (8.6.10/8.6.4) id LAA05544 for aprssig@tapr.org; Thu, 4 Jul 1996 11:14:24 -0500
Received: from amsat.org (amsat.org [128.54.16.15]) by cs.tamu.edu (8.6.10/8.6.4) with ESMTP id KAA13784 for <gerry@cs.tamu.edu>; Thu, 4 Jul 1996 10:07:43 -0500
Received: (daemon@localhost) by amsat.org (8.7.5/8.6.9) id FAA29005 for sarex-list; Thu, 4 Jul 1996 05:52:41 -0700 (PDT)
Errors-To: owner-sarex@amsat.org
Sender: gerry@cs.tamu.edu
Precedence: List
Received: from none.at.helo (hil-img-4.compuserve.com [149.174.177.134]) by amsat.org (8.7.5/8.6.9) with SMTP id FAA28995 for <sarex@amsat.org>; Thu, 4 Jul 1996 05:52:39 -0700 (PDT)
Received: by hil-img-4.compuserve.com (8.6.10/5.950515) id IAA20747; Thu, 4 Jul 1996 08:50:41 -0400
Date: 04 Jul 96 08:47:47 EDT
From: Ken Ernandes <70511.3107@compuserve.com>
To: STS TLE List <ststle@spacelink.msfc.nasa.gov>,
 Spacelink News <slnews@spacelink.msfc.nasa.gov>,
 cape-canaveral network o <grcc@ams.gsfc.nasa.gov>,
 "\David H. Ransom\" <rans7500@spacelink.msfc.nasa.gov>,
 SAREX <sarex@amsat.org>,
 Shuttle Vector <shuttle.keps@totrbbs.atl.ga.us>
Subject: STS-78 Rev 223 Orbital Data
Message-ID: <960704124747_70511.3107_IHD70-3@CompuServe.COM>

S T S - 7 8 O R B I T A L D A T A

Below is the current State Vector and Keplerian Elements for STS-78. The vector data comes from NASA; the orbital parameters were computed from the vector. Hourly vector updates are available from NASA GSFC

OIG RAID RBBS at (301) 262-6782 or by telnet: oig1.gsfc.nasa.gov
(UserID = oig / Password = goddard1).

Vector format = 117

Satellite Name: STS-78
Catalog Number: 23931 96036A
Epoch Date/Time: 96186.50026967593
07/04/1996 12:00:23.299 UTC
EFG E: -12169259 ft
F: 14573422 ft
G: -10690725 ft
Edot: -19943.77 ft/s
Fdot: -9321.94 ft/s
Gdot: 10032.09 ft/s
ndot/2 (drag): 0.00225052131 rev/day^2
nddt/6: 2.10598E-07 rev/day^3
Bstar: 3.23710E-04 1/Earth Radii
Elset #: 47
Rev @ Epoch: 223.85797306222

Launch was 20-JUN-96 / 14:49:00.093

The following Keplerian elements were computed by VEC2TLE from this vector using a 3.3 drag multiplier:

STS-78
1 23931U 96036A 96186.50026968 .00225052 21060-6 32371-3 0 472
2 23931 39.0142 276.8025 0005281 12.9247 295.9452 16.04293661 2231

Satellite: STS-78
Catalog number: 23931
Epoch time: 96186.50026968
Element set: 47
Inclination: 39.0142 deg
RA of node: 276.8025 deg
Eccentricity: 0.0005281
Arg of perigee: 12.9247 deg
Mean anomaly: 295.9452 deg
Mean motion: 16.04293661 rev/day
Decay rate: 2.25052e-03 rev/day^2
Epoch rev: 223
Checksum: 304

VEC2TLE may be downloaded from:
[ftp.amsat.org /amsat/software/PC/util](ftp://amsat.org/amsat/software/PC/util)

Ken Ernandes
n2wwd@amsat.org

From ad4bl@juno.com Thu Jul 04 12:06:35 1996
Received: from x4.boston.juno.com (x4.boston.juno.com [205.231.101.22]) by

tapr.org (8.7.5/8.7.3/1.9) with ESMTP id MAA04051 for <aprssig@tapr.org>; Thu, 4 Jul 1996 12:06:34 -0500 (CDT)
Received: (from ad4bl@juno.com) by x4.boston.juno.com (queuemail)
id NAA12154; Thu, 04 Jul 1996 13:06:30 EDT
To: aprssig@tapr.org
Date: Thu, 4 Jul 1996 11:38:15 PST
Subject: Sarex
Message-ID: <19960704.120545.2614.2.ad4bl@juno.com>
X-Mailer: Juno 1.00
X-Juno-Line-Breaks: 0-6
From: ad4bl@juno.com (Linda G Mullen)

I copied the following;

WA4HEI 040600 > EN65UX,W5RRR-1*:@EN65UX]^C2

which would be 1100Z

Linda AD4BL

From ad4bl@juno.com Thu Jul 04 12:26:18 1996
Received: from x4.boston.juno.com (x4.boston.juno.com [205.231.101.22]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id MAA04814 for <aprssig@tapr.org>; Thu, 4 Jul 1996 12:26:17 -0500 (CDT)
Received: (from ad4bl@juno.com) by x4.boston.juno.com (queuemail)
id NAA14790; Thu, 04 Jul 1996 13:26:15 EDT
To: aprssig@tapr.org
Date: Thu, 4 Jul 1996 12:25:49 PST
Subject: Question
Message-ID: <19960704.122550.2614.3.ad4bl@juno.com>
X-Mailer: Juno 1.00
X-Juno-Line-Breaks: 0-5,7,9-11
From: ad4bl@juno.com (Linda G Mullen)

On the SAREX reopr 13 which I received I noted this entry:

04 0700 1100z QS0#s 1158-1173

1105z AD4BL>W5RRR-1*>EM70DF:AD4BL EM70

Does this mean that my station connected with the Shuttle or was it just my beacon?

If it was a contact I would like to know what the QS0# was because my logs don't have it.

Linda AD4BL

From bruninga@nadm.navy.mil Thu Jul 04 13:56:44 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id NAA08210 for <aprssig@tapr.org>; Thu, 4 Jul 1996 13:56:42 -0500 (CDT)
Received: (from bruninga@localhost) by arctic.nadm.navy.mil (8.6.12/8.6.12) id OAA16463; Thu, 4 Jul 1996 14:57:42 -0400

Date: Thu, 4 Jul 1996 14:57:41 -0400 (EDT)
From: Bob Bruninga <bruninga@nadm.navy.mil>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:2781] Question
In-Reply-To: <19960704.122550.2614.3.ad4bl@juno.com>
Message-ID: <Pine.SUN.3.91.960704145607.16281D@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 4 Jul 1996, Linda G Mullen wrote:

> On the SAREX reopr 13 which I received I noted this entry:
>
> 04 0700 1100z QSO#s 1158-1173
> 1105z AD4BL>W5RRR-1*>EM70DF:AD4BL EM70
>
> Does this mean that my station connected with the Shuttle or was it just
> my beacon?

APRSDos REPLY COMMENT: That was your SPACE mode APRS position report. If you want to connect with the shuttle and get a QSO number. Forget about APRS and use your normal packet program whatever it is...

de wb4apr@amsat.org

From bruninga@nadm.navy.mil Thu Jul 04 14:02:19 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id 0AA08263 for <aprssig@tapr.org>; Thu, 4 Jul 1996 14:02:18 -0500 (CDT)
Received: (from bruninga@localhost) by arctic.nadm.navy.mil (8.6.12/8.6.12) id PAA16523; Thu, 4 Jul 1996 15:03:17 -0400
Date: Thu, 4 Jul 1996 15:03:17 -0400 (EDT)
From: Bob Bruninga <bruninga@nadm.navy.mil>
To: aprssig@tapr.org
Subject: KE6AFE (fwd)
Message-ID: <Pine.SUN.3.91.960704150050.16281E-3000000@arctic>
MIME-Version: 1.0
Content-Type: MULTIPART/MIXED; BOUNDARY="=====_836506534==_"
Content-ID: <Pine.SUN.3.91.960704150050.16281F@arctic>

This message is in MIME format. The first part should be readable text, while the remaining parts are likely unreadable without MIME-aware tools. Send mail to mime@docserver.cac.washington.edu for more info.

--=====_836506534==_
Content-Type: TEXT/PLAIN; CHARSET=us-ascii
Content-ID: <Pine.SUN.3.91.960704150050.16281G@arctic>

APRSDos REPLY COMMENT:
We finally got the confirmation of KE6AFE's POSIT. Thanks to Dave!

But I notice that all of the reports (35) except for TWO are from the

midwest and east coast. California is active on SAREX aren't they? grin

de wb4apr@amsat.org

----- Forwarded message -----

Date: Thu, 4 Jul 1996 11:55:35 -0700
From: Dave Guimont <g_daveg@qualcomm.com>
To: wb4apr@amsat.org
Subject: KE6AFE

Hello Bob,
Is this what you need for the ke6afe contact....He's the only one I have
ever seen on my screen...

-----_836506534==_
Content-Type: TEXT/PLAIN; CHARSET=us-ascii
Content-ID: <Pine.SUN.3.91.960704150050.16281H@arctic>

KE6AFE 290727 >CM86XX,3658.9 N/12203.3 W?W5RRR-1*:Hi! de Cap

-----_836506534==_
Content-Type: TEXT/PLAIN; CHARSET=us-ascii
Content-ID: <Pine.SUN.3.91.960704150050.16281I@arctic>

73 Dave, wb6llo@amsat.org Disagree; I learn

-----_836506534==_--

From byoung@qni.com Thu Jul 04 14:28:54 1996
Received: from qni.com (root@qni.com [206.29.114.4]) by tapr.org (8.7.5/8.7.3/1.9)
with SMTP id OAA09691 for <aprssig@tapr.org>; Thu, 4 Jul 1996 14:28:52 -0500 (CDT)
From: byoung@qni.com
Received: from 206.29.114.70 (s70.qni.com) by qni.com (5.x/SMI-SVR4)
id AA08003; Thu, 4 Jul 1996 14:29:37 -0500
Date: Thu, 4 Jul 1996 14:29:36 -0500
Message-Id: <9607041929.AA08003@qni.com>
Mime-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Subject: my (dismal) APRS/STS-78 overnight report...
To: aprssig@tapr.org
X-Mailer: SPRY Mail Version: 04.00.06.17

APRS peers,

I copied no activity of any kind from STS-78 at my location in
Smithville, MO (30 miles north of Kansas City, MO). We had some
very "pretty" thunder and lightning storms all night, and they
may not have helped...

Bill Young
byoung@qni.com

KB0UZQ

From ku0g@sprynet.com Thu Jul 04 18:33:35 1996
Received: from m1.sprynet.com (m1.sprynet.com [165.121.1.97]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id SAA17777 for <aprssig@tapr.org>; Thu, 4 Jul 1996 18:33:33 -0500 (CDT)
From: ku0g@sprynet.com
Received: from [199.174.155.93] (dd13-093.compuserve.com [199.174.155.93]) by m1.sprynet.com (8.6.12/8.6.12) with SMTP id QAA27825 for <aprssig@tapr.org>; Thu, 4 Jul 1996 16:31:22 -0700
Date: Thu, 4 Jul 1996 16:31:22 -0700
Message-Id: <199607042331.QAA27825@m1.sprynet.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Subject: Re: [APRSSIG:2784] my (dismal) APRS/STS-78 overnight report...
To: aprssig@tapr.org
In-Reply-To: <9607041929.AA08003@qni.com>
X-Mailer: SPRY Mail Version: 04.00.06.21

Didn't have time to write this earlier today due to a little train-ride outing and a visit to N0LRF's house for more antenna parts....

On the 0930 (CDT) pass I heard voice packets but could not make out what was being said. After seeing that VA3CSA was the operator and knowing his French accent accounts for my failure to understand the content. (that and having gotten up every 90 minutes all night to catch passes starting at 0-dark-hundred...)

Will try again tonight after 0400 UTC....Another sleepless night in Kansas City....Hmmm....wonder if they'll make a movie about ME?!?!?

Best 73,
Jim Duncan, KU0G
APRS--Kansas City Coordinator
EMail: ku0g@sprynet.com

From bruninga@nadn.navy.mil Thu Jul 04 21:52:02 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id VAA24459 for <aprssig@tapr.org>; Thu, 4 Jul 1996 21:52:01 -0500 (CDT)
Received: (from bruninga@localhost) by arctic.nadn.navy.mil (8.6.12/8.6.12) id WAA19427; Thu, 4 Jul 1996 22:52:58 -0400
Date: Thu, 4 Jul 1996 22:52:58 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
To: Dr Samuel Guccione <sguccion@outland.dtcc.edu>
cc: aprssig@tapr.org
Subject: Re: GPS-20 and Power supplies
In-Reply-To: <Pine.SV4.3.91.960704151409.13294A-100000@outland.dtcc.edu>
Message-ID: <Pine.SUN.3.91.960704224857.19416A-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Im sharing this with the sig, because Many of us have had this little panic about our boards dying. The thing is, that the power-up-reset circuitry is very picky about how the power is applied. I dont know what the details are, but it appears that the 5 volt supply must be "stiff". FOr battery trackers, you might have a big CAP across the battery to give the stiffness when the ON switch is flipped.

On Thu, 4 Jul 1996, Dr Samuel Guccione wrote:

> Bob, I found that it was the supply. I was operating from a battery and
> did not check its stiffness. That is when I thought it was not operating
> correctly. Then I tried one of my power supplies. Guess what! I did
> not check its stiffness either. Both battery and supply were not stiff
> enough. I guess I will need two batteries to make my tracker box work.
>
> Thanks for the confirmation of the solution. I was worried about
> toasting \$180 board.

From bruninga@nadm.navy.mil Thu Jul 04 23:00:41 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id XAA26706 for <aprssig@tapr.org>; Thu, 4
Jul 1996 23:00:39 -0500 (CDT)
Received: (from bruninga@localhost) by arctic.nadm.navy.mil (8.6.12/8.6.12) id
AAA19917; Fri, 5 Jul 1996 00:01:36 -0400
Date: Fri, 5 Jul 1996 00:01:36 -0400 (EDT)
From: Bob Bruninga <bruninga@nadm.navy.mil>
To: aprssig@tapr.org
cc: amsat-bb@amsat.org
Subject: APRS Sarex FILLs needed
Message-ID: <Pine.SUN.3.91.960704231653.19416G-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

This is a SHORT list showing only the passes for which MORE information is needed. If you have ANY packets or infomration to contribute about these passes, please submit. THanks! I want to to show the Beginning and Ending QS0# in each pass and list every APRS POSIT detected by anyone...

DAY	EDT	ZULU	COMMENTS
25	1045	1445z	I missed the pass (Any reports of activity?)
26	0730	1130z	Packet reported from Alabama (QS0 numbers?)
	1010	1610z	packets. QS0#'s 141
26	1356	1756z	packets over USA QS0#'s 214
26	1500	1900z	? (I missed it. Anyone else have a report?)
27	0725	1125z	nothing heard this pass and the 0900 EDT pass
27	1510	1910z	? (i missed it. Anyone else have a report?)
28	0900	1300z	27 pkts reported in TX and AL by KB0UZQ and
28		1915z	packets heard in Calif. WB6LLO "success"
29		1911z	WB6LLO APRS success reported in Calif? (Anyone see it?)
30	0850	1250z	9 weak pkts heard in MD. Weak pkts hrd in SoCAL
30		1906z	WB6LLO gets "CONGRATS" (anyone log it?)
01	0850	1250z	nothing (someone reported weak packet?)

01 1025 1425z nothing. Weak pkts then voice reported in Salt Lake City
02 1547z Packets heard in Florida
1726z nothing heard (weak packets heard in Utah and Honduras)
03 11??z KG0DW got a congrats! (Anyone get a copy?)
03 1720z out of view of east coast (any reports?)

Again this does NOT show all the GOOD data that we have. That is in my other full length report. This just shows the data we are MISSING. Dig back through your LOG files if you can contribute any useful info.

PLEASE make your reports clear and concise. 75% of all reports that come in , I have to send back requests for UTC time, DATE, was the packet DIGIPEATED by W5rrrr-1, etc...

From n2czf@magg.net Thu Jul 04 23:00:44 1996
Received: from grumpy.magg.net (root@grumpy.magg.net [205.218.112.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id XAA26724 for <aprssig@tapr.org>; Thu, 4 Jul 1996 23:00:42 -0500 (CDT)
Received: from Cybergate (wpb-210.magg.net [205.218.112.210]) by grumpy.magg.net (8.7.5/8.7.3) with SMTP id XAA31822 for <aprssig@tapr.org>; Thu, 4 Jul 1996 23:58:24 -0400
Date: Thu, 4 Jul 1996 23:58:24 -0400

Message-Id: <199607050358.XAA31822@grumpy.magg.net>
X-Sender: n2czf@magg.net
X-Mailer: Windows Eudora Version 1.4.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: n2czf@magg.net (Richard Garcia)
Subject: aprs-fl List Server in Operation

Anyone involved with APRS operations in Florida is encouraged to subscribe to our new mailing list. The reason this mailing list has been formed is that a few of us have found out that several APRS users (meaning a lot) have kept away from the aprssig or have unsubscribed due to the volume of mail and the ammount of mail that did not really pertain to them.

APRS-FL is geared to people wo use APRS in Florida or surrounding states and others that are interested in networking or different areas to the NWS and possibly some of the Caribbean Islands. If you are one of thse people please sign up so we can start a more orginized group of users and administrators and keep abreast of everything that is happening in the state. A lot goes on that no one knows about due to the large area that we cover and much of that we can all use for ideas and as a learning tool.

If you know of anyone in the state that has unsubscribed from the aprssig or has never joined please let them know so they are aware of our existance. To sign up do the same as you have done for the aprssig send a message to...

listproc@tapr.org

In the body of the message enter the following>>>

subscribe aprs-fl First Name Last Name (Of course replace that with your real name! hi hi)

The above listserver does NOT MEAN that EVERYTHING should be posted to aprs-fl but ANYTHING pertaining particulary to our region. Use common sense in deciding if a message should go to aprssig@tapr.org or aprs-fl@tapr.org. The APRS Sig still has one of the largest and most knowledgeable group of people that I know of and should be seriously considered for general APRS questions and problems. Remember if aprs-fl get's crazy with mail that is not on topic, whoever we attract that had been on the aprssig but signed off for the same reason will probably do the same. We need to have everyone possible stay in touch somehow so we can get some semblance of organization together. Our numbers are growing every day now but most areas do not know what the other ones are doing!

73's Rich N2CZF
n2czf@magg.net
<http://www.magg.net/~n2czf> (Personal)
<http://www.magg.net/~n2czf/aprs.html> (Florida APRS)
Jupiter Farms Florida EL96

From byoung@qni.com Thu Jul 04 23:42:31 1996

Received: from qni.com (root@qni.com [206.29.114.4]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id XAA29179 for <aprssig@tapr.org>; Thu, 4 Jul 1996 23:42:30 -0500 (CDT)
From: byoung@qni.com
Received: from 206.29.114.73 (s73.qni.com) by qni.com (5.x/SMI-SVR4) id AA00241; Thu, 4 Jul 1996 23:43:13 -0500
Date: Thu, 4 Jul 1996 23:43:12 -0500
Message-Id: <9607050443.AA00241@qni.com>
Mime-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Subject: Re: [APRSSIG:2787] APRS Sarex FILLS needed
To: aprssig@tapr.org
In-Reply-To: <Pine.SUN.3.91.960704231653.19416G-100000@arctic>
X-Mailer: SPRY Mail Version: 04.00.06.17

Bob and the group,

Regarding the following line from the "short list":
>28 0900 1300z 27 pkts reported in TX and AL by KB0UZQ and
My QTH is MO, *NOT* TX. (not that I don't like Texas mind you!)

I'm checking my logs against the list, and I'll see what I've got...

Bill Young
byoung@qni.com
KB0UZQ

From ke4eer@worldnet.att.net Thu Jul 04 23:45:27 1996
Received: from mailhost.worldnet.att.net (mailhost.worldnet.att.net [204.127.129.3]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id XAA29894 for <aprssig@tapr.org>; Thu, 4 Jul 1996 23:45:24 -0500 (CDT)
Received: by mailhost.worldnet.att.net (SMI-8.6/SMI-SVR4) id EAA25417; Fri, 5 Jul 1996 04:44:52 GMT
Received: from 153.bridgeton-3.mo.dial-access.att.net(199.69.38.153) by mailhost.worldnet.att.net with SMTP id A25361; Fri Jul 5 04:44:47 1996
Message-ID: <31DCB9D8.5B49@worldnet.att.net>
Date: Thu, 04 Jul 1996 23:44:40 -0700
From: William Nolle <ke4eer@worldnet.att.net>
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:2787] APRS Sarex FILLS needed
References: <Pine.SUN.3.91.960704231653.19416G-100000@arctic>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bob Bruninga wrote:

>
> PLEASE make your reports clear and concise. 75% of all reports that come
> in , I have to send back requests for UTC time, DATE, was the packet
> DIGIPEATED by W5rrr-1, etc...

Bob am i doing something wrong or is that a quirck with APRS but there's no way i have found that i can save any of the beacons i get, and there where many that i can save. I looked in the .BK .LOG files and all that's there is one, my own.

--

Bill WA8INZ
ke4eer@worldnet.att.net
ke4eer@amsat.org

From weather@xnet.com Thu Jul 04 23:50:31 1996
Received: from flood.xnet.com (flood.xnet.com [198.147.221.35]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id XAA00456 for <aprssig@tapr.org>; Thu, 4 Jul 1996 23:50:30 -0500 (CDT)
Received: from weather.xnet.com by flood.xnet.com (8.7.5/XNet-1.4R) with SMTP id XAA00671 for <aprssig@tapr.org>; Thu, 4 Jul 1996 23:50:43 -0500 (CDT)
Date: Thu, 4 Jul 1996 23:50:43 -0500 (CDT)
Message-Id: <199607050450.XAA00671@flood.xnet.com>
X-Sender: weather@quake.xnet.com
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: Ron Malinowski <weather@xnet.com>
Subject: W9ZMR-9 Anyone seen in last month?

Just a question or survey, a neighbor of mine who just recently put together a tracker for his vehicle for a trip from Chicago, to Dallas, to Phoenix, and onto Los Angeles, Seattle and Yellowstone and back to Chicago in 32 days, I am wondering if anyone can recall seeing his station, the reason were asking is he didnt show up in the network very well, locally, running only 5 watts and quarte-wave, we are tring to determine if the setup works, I know there are many people in areas that dont have gates and that is why anyone can recall a -9 station mobile reporting 15 minutes, please let me know Privately weather@xnet.com

Thanks

From kc5ejk@onramp.net Fri Jul 05 00:10:31 1996
Received: from mailhost.onramp.net (mailhost.onramp.net [199.1.11.3]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id AAA04186 for <aprssig@tapr.org>; Fri, 5 Jul 1996 00:10:30 -0500 (CDT)
Received: from [199.1.11.106] (dal06.onramp.net [199.1.11.106]) by mailhost.onramp.net (8.7.3/8.6.5) with SMTP id AAA04440 for <aprssig@tapr.org>; Fri, 5 Jul 1996 00:10:25 -0500 (CDT)
Message-Id: <v02130500ae02511c0992@[199.1.11.133]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Fri, 5 Jul 1996 00:10:36 -0500
To: aprssig@tapr.org
From: kc5ejk@onramp.net (Robert Winingham)
Subject: A fix for WINWAIL users

A bug in the Microsoft Exchange Mailer
OR that Damn extra garbage at the end of a message and unreadable
attachments. AND HOW it FIX it !!!!!

-- INFO From MACWAY Digest ---

I just had to forward this post which came via a listserv discussion
group, from the list owner, to all the Windows 95 users on the list.

Thought it might be time to take up some bandwidth with a note to the
WIN95 users on the list. Believe me, this will benefit all of the
subscribers to this list, especially the people on Digest. The
attachment, or some people see it as long uuencoding at the end of the
post, is from a bug in the Microsoft Exchange Mailer in Win95. You will
not see the problem but you will hear about it as it causes major
problems on other mailers.

Exchange uses MIME with it's "RICH TEXT" to compose messages with
different colors and fonts. Blue is the default color when it composes
new messages. Exchange sometimes decides to START telling the whole world
this MUST be read as blue when it sends it out. Turning off the color
doesn't help, it then sends out uuencoding or an attachment telling
everyone" read this in black". If you have exchange then the posts just
come in OK, not with an attachment. Exchange reads its own encoding just
fine!

It will sometimes also add an = sign and sometimes =20 at the end of each
line.

OK now the fix. First turn off the color, Click on TOOLS, OPTIONS and then
on both READ and SEND click on FONT and set the color to auto. Then click
OK and Apply.

Next click each of the addresses in your address book and making sure the
"rich text" box is not checked. If even one is on it will send them ALL
in rich text. Add your own address to the address book with rich text not
checked. Check it ON then OFF and click apply.

Next click on TOOLS again, OPTIONS, SERVICES and set it to INTERNET MAIL,
if you do not have it add it in. Click on PROPERTIES and in GENERAL click
on MESSAGE FORMAT. If MIME is on take it off. Then to get rid of the =
signs click on CHARACTER SET and switch ISO 8859-1 to US ASCII. If this
one is already set, switch it to the first one and click OK, then go back
and switch it again to get it to reset. Click on OK, OK, and apply. When
it resets you will get a message that it will not take effect until then
next time you open exchange. Close Exchange and reopen it.

How to make sure the cure is working!

Right click on the addresses on incoming messages and YOUR address on
your posts that you get back from the lists. Bring up properties, see if

rich text comes up checked. If not turn it ON and apply, then OFF and apply. It sometimes takes a couple of tries to get it to reset, So check several times to make sure rich text stays off.

Despite all of this you MUST continue when you use "reply to sender" and "forward to" buttons to highlight and double click on the address on the new message and check properties to make sure rich text is turned off, IT WILL TURN on for these functions with a new address and sometimes even with one that was turned off before .Or use "compose new message" and copy and paste the parts of the post you want.

Not as important, Exchange does not add in quote marks () and some people get testy about that. If you want them you can go to this web sight and get a program to add to exchange that will put them in when asked. It still doesn't do it automatically but is a lot easier than putting them in one at a time. The web sight also has lots of help for Win95 problems. <<http://www.creativelement.com/win95ann/win95ann5.html#13>>

Bob - Dallas, TX --- kc5ejk@onramp.net or kc5ejk@amsat.org ---

From christen@codger.physics.duq.edu Fri Jul 05 00:47:19 1996
Received: from infobahn.icubed.com (infobahn.icubed.com [199.234.114.2]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id AAA08158 for <aprssig@tapr.org>; Fri, 5 Jul 1996 00:47:18 -0500 (CDT)
Received: from wm11.icubed.com by infobahn.icubed.com;
(5.65/1.1.8.2/25Jun95-1044PM)
id AA19273; Fri, 5 Jul 1996 01:44:08 -0400
Message-Id: <31DCA778.6A1A@codger.physics.duq.edu>
Date: Fri, 05 Jul 1996 01:26:17 -0400
From: Paul Christenson <christen@codger.physics.duq.edu>
Reply-To: christen@codger.physics.duq.edu
X-Mailer: Mozilla 3.0b5Gold (Win95; I)
Mime-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:2736] Re: DFjr Card
References: <31DB0512.2BE1@worldnet.att.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

> > Bill, I noticed you used a comma (I think) for the Increment degree value,

> Yes Joe i was aware of that but CorelDraw does not have a symbol for that, or at
> least i haven't found it hi.

It's a standard Windows symbol. It's <Alt>-0176, which means hold down the Alt key, and type 0176 on the numeric keypad. (It does need the leading zero for some reason.)

From 100341.640@CompuServe.COM Fri Jul 05 02:31:20 1996
Received: from arl-img-2.compuserve.com ([149.174.217.132]) by tapr.org

(8.7.5/8.7.3/1.9) with SMTP id CAA12505 for <aprssig@tapr.org>; Fri, 5 Jul 1996 02:31:18 -0500 (CDT)
Received: by arl-img-2.compuserve.com (8.6.10/5.950515)
id DAA18525; Fri, 5 Jul 1996 03:30:42 -0400
Date: 05 Jul 96 03:29:07 EDT
From: Antonio Fernandez <100341.640@CompuServe.COM>
To: "\"Charles E. Heisler\"" <cheisler@cyberia.com>
Cc: APRS SIG <aprssig@tapr.org>
Subject: Re: SHOWTIME/GPS-20
Message-ID: <960705072907_100341.640_EHQ33-1@CompuServe.COM>

Hi Charlie,

TNX for the msg.

> I have my GPS-20 serial port (pin 4) working into the
> computer. (I can see the NMEA data). I have pin 3 tied to the
> DCD line. I do NOT have the RX1 pin 5 connected. DO I NEED PIN
> 5?

This is my setup:

GPS-20	DB-9(RS232)
pin#	pin#
3 PPS <----->	1
4 TXD1<----->	2
5 RXD1<----->	3
8 GND <----->	5
10 +5VDC	

One important observation!!! in my GPS-20 it seems there is no 1PPS signal before the receiver is fixed, so TAC will not work till the receiver has fixed. This is a problem if you power-up the receiver and immediately want to run Showtime. I use another program (WinGPS) to check that the GPS is fixed and reporting a position, then I start Showtime.

A question for the SIG.

Garmin communication program ver A.01.06.04 does not communicate with my GPS-20, it cannot ident the GPS-20. Any clues?

> I have also down loaded the SHOWTIME distribution (I
> forget what he called it but it is ver.3.30) and a setup D: to
> unzip it to my D drive. I seane to have all the directories and
> files as described in one of the READMEs.

Check that you are using the garmin.gps file instead the showtime.gps, the later defaults to Motorola receivers.

Hope this helps,

Best 73 de Toni, ea4le

From ke4eer@worldnet.att.net Fri Jul 05 03:14:39 1996
Received: from mailhost.worldnet.att.net (mailhost.worldnet.att.net
[204.127.129.3]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id DAA14486 for
<aprssig@tapr.org>; Fri, 5 Jul 1996 03:14:37 -0500 (CDT)
Received: by mailhost.worldnet.att.net (SMI-8.6/SMI-SVR4)
id IAA16390; Fri, 5 Jul 1996 08:14:07 GMT
Received: from 137.dallas-1.tx.dial-access.att.net(199.69.132.137)
by mailhost.worldnet.att.net with SMTP
id A16324; Fri Jul 5 08:13:39 1996
Message-ID: <31DCEACC.7A85@worldnet.att.net>
Date: Fri, 05 Jul 1996 03:13:32 -0700
From: William Nolle <ke4eer@worldnet.att.net>
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:2793] Re: DFjr Card
References: <31DCA778.6A1A@codger.physics.duq.edu>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Paul Christenson wrote:

>
> > > Bill, I noticed you used a comma (I think) for the Increment degree value,
>
> It's a standard Windows symbol. It's <Alt>-0176, which means hold down
> the Alt key, and type 0176 on the numeric keypad. (It does need the
> leading zero for some reason.)

Ok Paul thanks, i already fixed the problem. What i did is just drew a circle
within CorelDraw that i should have done in the first place, but that's good to
know anyway. Thanks again.

--

Bill WA8INZ
ke4eer@worldnet.att.net
ke4eer@amsat.org

From ke4eer@worldnet.att.net Fri Jul 05 03:19:56 1996
Received: from mailhost.worldnet.att.net (mailhost.worldnet.att.net
[204.127.129.3]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id DAA14866 for
<aprssig@tapr.org>; Fri, 5 Jul 1996 03:19:55 -0500 (CDT)

Received: by mailhost.worldnet.att.net (SMI-8.6/SMI-SVR4)
id IAA17369; Fri, 5 Jul 1996 08:19:24 GMT
Received: from 137.dallas-1.tx.dial-access.att.net(199.69.132.137)
by mailhost.worldnet.att.net with SMTP
id A17350; Fri Jul 5 08:19:04 1996
Message-ID: <31DCEC11.933@worldnet.att.net>
Date: Fri, 05 Jul 1996 03:18:57 -0700
From: William Nolle <ke4eer@worldnet.att.net>
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: STS-78
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Well on the pass at 02:47:48 CD time it was packet but of a very short duration but i did get a CONGATS!, Did you see it Bob i said hello to you Hi. I also seen the following N8IGJ #1256 and N1UZN # 1258 and several others that scrolled by to fast for me to jot down and since APRS doesn't save any of the info there's no telling who they where.

--

Bill WA8INZ
ke4eer@worldnet.att.net
ke4eer@amsat.org

From ke4eer@worldnet.att.net Fri Jul 05 04:41:14 1996
Received: from mailhost.worldnet.att.net (mailhost.worldnet.att.net [204.127.129.3]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id EAA17594 for <aprssig@tapr.org>; Fri, 5 Jul 1996 04:41:12 -0500 (CDT)
Received: by mailhost.worldnet.att.net (SMI-8.6/SMI-SVR4)
id JAA01483; Fri, 5 Jul 1996 09:40:41 GMT
Received: from 75.dallas-1.tx.dial-access.att.net(199.69.132.75)
by mailhost.worldnet.att.net with SMTP
id A1472; Fri Jul 5 09:40:38 1996
Message-ID: <31DCFF31.3D36@worldnet.att.net>
Date: Fri, 05 Jul 1996 04:40:33 -0700
From: William Nolle <ke4eer@worldnet.att.net>
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: STS-78
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Again at 04:21:48 CD another packet pass but very very weak here in North Alabama, unlike the pass before this one. I couldn't get a Congats! on this one. I did see the following:

W8ZCF #1291 Is your STS-78 SAREX QSO NUMBER
WB4FIN #1288 Is your STS-78 SAREX QSO NUMBER
N2UME #1290 Is your STS-78 SAREX QSO NUMBER
KD4ISM #1292 Is your STS-78 SAREX QSO NUMBER

--

Bill WA8INZ
ke4eer@worldnet.att.net
ke4eer@amsat.org

From dwetzel@slkc.uswest.net Fri Jul 05 06:02:09 1996
Received: from slkc1.slk.uswest.net (slkc1.slk.uswest.net [206.81.128.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id GAA19888 for <aprssig@tapr.org>; Fri, 5 Jul 1996 06:02:08 -0500 (CDT)
Received: from 70571,3005.compuserve.com (dialup3.slk.uswest.net [206.81.128.12]) by slkc1.slk.uswest.net (8.6.12/8.6.12) with SMTP id FAA16768 for <aprssig@tapr.org>; Fri, 5 Jul 1996 05:02:06 -0600
Message-ID: <31DCF62D.7C25@slkc.uswest.net>
Date: Fri, 05 Jul 1996 05:02:05 -0600
From: Doug Wetzel <dwetzel@slkc.uswest.net>
X-Mailer: Mozilla 2.01 (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: SAREX
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

051058 Pass

After nearly a week of trying -

Success on this pass!!!

No QSO #'s logged, but I did get a packet digi'd - now, can anyone confirm it?

: -)

Doug
KC7CO
Radio Free Utah

From ki5vm@flash.net Fri Jul 05 06:29:12 1996
Received: from defiant (defiant.flash.net [208.194.223.9]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id GAA20860 for <aprssig@tapr.org>; Fri, 5 Jul 1996 06:29:09 -0500 (CDT)
Received: from ki5vm (dpm1-65.flash.net [208.194.205.65]) by defiant (8.6.12/8.6.9) with SMTP id GAA19155 for <aprssig@tapr.org>; Fri, 5 Jul 1996 06:29:07 -0500
Message-ID: <31DCFC80.8BC@flash.net>
Date: Fri, 05 Jul 1996 06:29:04 -0500
From: "David W. McNeil" <ki5vm@flash.net>
Organization: Flashnet Communications
X-Mailer: Mozilla 2.01KIT (Win95; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Reply to SHOWTIME/GPS-20
References: <960705072907_100341.640_EHQ33-1@CompuServe.COM>
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Antonio Fernandez wrote:

```
>
> Hi Charlie,
>
> TNX for the msg.
>
> > I have my GPS-20 serial port (pin 4) working into the
> >computer. (I can see the NMEA data). I have pin 3 tied to the
> >DCD line. I do NOT have the RX1 pin 5 connected. DO I NEED PIN
> >5?
>
> This is my setup:
>
> GPS-20          DB-9(RS232)
> pin#            pin#
> 3 PPS <-----> 1
> 4 TXD1<-----> 2
> 5 RXD1<-----> 3
> 8 GND <-----> 5
> 10 +5VDC
>
> One important observation!!! in my GPS-20 it seems there is
> no 1PPS signal before the receiver is fixed, so TAC will not
> work till the receiver has fixed. This is a problem if you
> power-up the receiver and immediately want to run Showtime.
> I use another program (WinGPS) to check that the GPS is fixed
> and reporting a position, then I start Showtime.
>
> A question for the SIG.
>
> Garmin communication program ver A.01.06.04 does not communicate
> with my GPS-20, it cannot ident the GPS-20. Any clues?
>
> > I have also down loaded the SHOWTIME distribution (I
> >forget what he called it but it is ver.3.30) and a setup D: to
> >unzip it to my D drive. I seane to have all the directories and
> >files as described in one of the READMEs.
>
> Check that you are using the garmin.gps file instead the
> showtime.gps, the later defaults to Motorola receivers.
>
> Hope this helps,
>
> Best 73 de Toni, ea4le
```

Toni:

The Garmin communication program must see the "Garmin" protocol, not the NEMA outut string. The assembled units ie. the Garmin 40, garmin45 etc. have this protocol available in the I/O setup.

73 de Dave KI5VM

ki5vm@flash.net

From steve@muskoka.com Fri Jul 05 07:18:30 1996

Received: from gold.muskoka.com (root@gold.muskoka.com [204.101.78.5]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id HAA23003 for <aprssig@tapr.org>; Fri, 5 Jul 1996 07:18:27 -0500 (CDT)

Received: from Psteve.muskoka.com (ppp22.muskoka.com [204.101.78.52]) by gold.muskoka.com (8.6.12/8.6.9) with SMTP id IAA23985 for <aprssig@tapr.org>; Fri, 5 Jul 1996 08:50:27 -0400

Message-Id: <1.5.4.32.19960705121824.0066d448@muskoka.com>

X-Sender: steve@muskoka.com (Unverified)

X-Mailer: Windows Eudora Light Version 1.5.4 (32)

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Date: Fri, 05 Jul 1996 08:18:24 -0400

To: aprssig@tapr.org

From: steve <steve@muskoka.com>

Subject: STS-78

GM All,

The following stn's were successful according to my log.

W5RRR-1>K1RMA: <IO>:#1332-is your STS-78 SAREX QSO number

W5RRR-1>KE4HJV:<IO>:#1330-is your STS-78 SAREX QSO number

W5RRR-1>SAREX:<UI>:#1330-is your STS-78 SAREX QSO number

I also had CONGRATS!!! YOUR PACKET WAS DIGIPEATED!! EVERYONE ELSE SHOULD SEE YOU TOO!

Also at the top of the screen was SUCCESS..

Does this mean I made it ?? (I hope)

Also WB3JNZ and N2NRD appeared on my map..

73.....

Steve Dubois VA3HOI

CANWARN SPOTTER

APARS & WINAPRS

Int: steve@muskoka.com

From ad4bl@juno.com Fri Jul 05 07:43:21 1996

Received: from x4.boston.juno.com (x4.boston.juno.com [205.231.101.22]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id HAA23901 for <aprssig@tapr.org>; Fri, 5 Jul 1996 07:43:20 -0500 (CDT)

Received: (from ad4bl@juno.com) by x4.boston.juno.com (queuemail) id IAA03013; Fri, 05 Jul 1996 08:43:19 EDT

To: aprssig@tapr.org

Date: Fri, 5 Jul 1996 07:43:04 PST

Subject: sarex

Message-ID: <19960705.074306.2614.0.ad4bl@juno.com>

X-Mailer: Juno 1.00

X-Juno-Line-Breaks: 0-3

From: ad4bl@juno.com (Linda G Mullen)

VOICE PASS 1235Z Heard at this location
Confirming contact between W5RRR and KE1DK

Linda AD4BL

From largriff@onramp.net Fri Jul 05 07:59:47 1996
Received: from mailhost.onramp.net (mailhost.onramp.net [199.1.11.3]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id HAA24987 for <aprssig@tapr.org>; Fri, 5 Jul 1996 07:59:45 -0500 (CDT)
Received: from lub07.onramp.net (lub07.onramp.net [199.1.172.135]) by mailhost.onramp.net (8.7.3/8.6.5) with SMTP id HAA03305 for <aprssig@tapr.org>; Fri, 5 Jul 1996 07:59:42 -0500 (CDT)
Received: by lub07.onramp.net with Microsoft Mail id <01BB6A47.D6ACED20@lub07.onramp.net>; Fri, 5 Jul 1996 07:59:05 -0500
Message-ID: <01BB6A47.D6ACED20@lub07.onramp.net>
From: Larry Griffin <largriff@onramp.net>
To: "'aprssig@tapr.org'" <aprssig@tapr.org>
Subject: RE: [APRSSIG:2792] A fix for WINWAIL users
Date: Fri, 5 Jul 1996 07:52:07 -0500
Encoding: 15 TEXT

From: Robert Winingham[SMTP:kc5ejk@onramp.net]
Subject: [APRSSIG:2792] A fix for WINWAIL users

A bug in the Microsoft Exchange Mailer
OR that Damn extra garbage at the end of a message and unreadable
attachments. AND HOW it FIX it !!!!!

^^

Coooo! This message is a test to see if the fixes work! Please reply to me
directly rather than via the sig.

...donning asbestos...

Larry Griffin <largriff@onramp.net> DMEU

From gerry@cs.tamu.edu Fri Jul 05 08:18:03 1996
Received: from cs.tamu.edu (clavin.cs.tamu.edu [128.194.130.106]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id IAA25848 for <aprssig@tapr.org>; Fri, 5 Jul 1996 08:18:02 -0500 (CDT)
Received: from solar.cs.tamu.edu (2961@solar.cs.tamu.edu [128.194.132.1]) by cs.tamu.edu (8.6.10/8.6.4) with ESMTP id IAA24638 for <aprssig@tapr.org>; Fri, 5 Jul 1996 08:18:01 -0500
From: Gerald J Creager <gerry@cs.tamu.edu>
Received: (gerry@localhost) by solar.cs.tamu.edu (8.6.10/8.6.4) id IAA11291 for aprssig@tapr.org; Fri, 5 Jul 1996 08:16:29 -0500
Message-Id: <199607051316.IAA11291@solar.cs.tamu.edu>
Subject: Re: [APRSSIG:2781] Question
To: aprssig@tapr.org
Date: Fri, 5 Jul 1996 08:16:28 -0500 (CDT)

In-Reply-To: <19960704.122550.2614.3.ad4bl@juno.com> from "Linda G Mullen" at Jul 4, 96 12:39:27 pm
X-Mailer: ELM [version 2.4 PL25]
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

Linda G Mullen sez:

>
> On the SAREX reoprt 13 which I received I noted this entry:
>
> 04 0700 1100z QS0#s 1158-1173
>
> 1105z AD4BL>W5RRR-1*>EM70DF:AD4BL EM70
>
> Does this mean that my station connected with the Shuttle or was it just
> my beacon?
> If it was a contact I would like to know what the QS0# was because my
> logs don't
> have it.

This is, indeed, a beacon. The SAREX TNC cannot tell anything about an APRS packet, but can digipeat it.

A SAREX contact with the Packet Robot consists of a connect request, ACK'd by the Robot, a Confirmation number ACK'd by you (or... your TNC) and a DISC sent by the Robot and ACK'd by you.

Since STS-35, we started relaxing the rules for "QS0s" vice SWL-type hits by saying that anyone who'd copied their QS0 number even without the DISC that cements the QS0 into the WORKED list, was a valid contact.

So, in short, if you're trying for a Packet QS0 confirmation, stop sending APRS packets and simply issue a connect request. If you're interested in continuing the APRS experiment, continue digipeating.

73, gerry
n5jxs@tamu.edu

From kc5eib@gte.net Fri Jul 05 08:25:23 1996
Received: from mail.gte.net (mail.gte.net [206.124.64.251]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id IAA26315 for <aprssig@tapr.org>; Fri, 5 Jul 1996 08:25:22 -0500 (CDT)
Received: from dfw69108.gte.net by mail.gte.net with SMTP (1.38.193.5/16.2) id AA25140; Fri, 5 Jul 1996 08:25:20 -0500
Message-Id: <31DD1786.487A@gte.net>
Date: Fri, 05 Jul 1996 08:24:22 -0500
From: Douglas Graves <kc5eib@gte.net>
X-Mailer: Mozilla 2.02 (Win16; I)
Mime-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:2787] APRS Sarex FILLS needed
References: <Pine.SUN.3.91.960704231653.19416G-100000@arctic>

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Pass on June 25 at @08:02 am CDT was a School contact
for Heritage Middle School, Grapevine, TX.

From 70511.3107@compuserve.com Fri Jul 05 08:45:49 1996

Received: from cs.tamu.edu (clavin.cs.tamu.edu [128.194.130.106]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id IAA27362 for <aprssig@tapr.org>; Fri, 5 Jul 1996
08:45:46 -0500 (CDT)

Received: from solar.cs.tamu.edu (2961@solar.cs.tamu.edu [128.194.132.1]) by
cs.tamu.edu (8.6.10/8.6.4) with ESMTP id IAA25120 for <aprssig@tapr.org>; Fri, 5
Jul 1996 08:45:43 -0500

Received: (gerry@localhost) by solar.cs.tamu.edu (8.6.10/8.6.4) id IAA11587 for
aprssig@tapr.org; Fri, 5 Jul 1996 08:44:11 -0500

Received: from amsat.org (amsat.org [128.54.16.15]) by cs.tamu.edu (8.6.10/8.6.4)
with ESMTP id VAA20621 for <gerry@cs.tamu.edu>; Thu, 4 Jul 1996 21:48:59 -0500

Received: (daemon@localhost) by amsat.org (8.7.5/8.6.9) id RAA03233 for sarex-
list; Thu, 4 Jul 1996 17:02:26 -0700 (PDT)

Errors-To: owner-sarex@amsat.org

Sender: gerry@cs.tamu.edu

Precedence: List

Received: from none.at.helo (dub-img-1.compuserve.com [149.174.206.131]) by
amsat.org (8.7.5/8.6.9) with SMTP id RAA03223 for <sarex@amsat.org>; Thu, 4 Jul
1996 17:02:16 -0700 (PDT)

Received: by dub-img-1.compuserve.com (8.6.10/5.950515)
id UAA00247; Thu, 4 Jul 1996 20:01:53 -0400

Date: 04 Jul 96 20:00:38 EDT

From: Ken Ernandes <70511.3107@compuserve.com>

To: STS TLE List <ststle@spacelink.msfc.nasa.gov>,
Spacelink News <slnews@spacelink.msfc.nasa.gov>,
cape-canaveral network o <grcc@ams.gsfc.nasa.gov>,
SAREX <sarex@amsat.org>,
Shuttle Vector <shuttle.keps@totrbbs.atl.ga.us>

Subject: STS-78 Rev 228 Orbital Data

Message-ID: <960705000038_70511.3107_IHD78-1@CompuServe.COM>

S T S - 7 8 O R B I T A L D A T A

Below is the current State Vector and Keplerian Elements for STS-78.
The vector data comes from NASA; the orbital parameters were computed
from the vector. Hourly vector updates are available from NASA GSFC
OIG RAID RBBS at (301) 262-6782 or by telnet: oig1.gsfc.nasa.gov
(UserID = oig / Password = goddard1).

Vector format = 117

Satellite Name: STS-78

Catalog Number: 23931 96036A

Epoch Date/Time: 96186.79281712963
07/04/1996 19:01:39.399 UTC

EFG E: -2571375 ft

F: -21079764 ft

G: -4936460 ft
Edot: 18999.55 ft/s
Fdot: 1166.30 ft/s
Gdot: -14933.86 ft/s
ndot/2 (drag): 0.00221007748 rev/day^2
nddt/6: 2.03096E-07 rev/day^3
Bstar: 3.17578E-04 1/Earth Radii
Elset #: 49
Rev @ Epoch: 228.55837828956

Launch was 20-JUN-96 / 14:49:00.093

The following Keplerian elements were computed by VEC2TLE from this vector using a 3.3 drag multiplier:

STS-78

1 23931U 96036A 96186.79281713 .00221008 20310-6 31758-3 0 498
2 23931 39.0115 274.8344 0005773 18.8203 182.1961 16.04303885 2283

Satellite: STS-78

Catalog number: 23931
Epoch time: 96186.79281713
Element set: 49
Inclination: 39.0115 deg
RA of node: 274.8344 deg
Eccentricity: 0.0005773
Arg of perigee: 18.8203 deg
Mean anomaly: 182.1961 deg
Mean motion: 16.04303885 rev/day
Decay rate: 2.21008e-03 rev/day^2
Epoch rev: 228
Checksum: 307

VEC2TLE may be downloaded from:
[ftp.amsat.org /amsat/software/PC/util](ftp://amsat.org/amsat/software/PC/util)

Ken Ernandes
n2wwd@amsat.org

From byoung@qni.com Fri Jul 05 08:49:59 1996
Received: from qni.com (root@qni.com [206.29.114.4]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id IAA27726 for <aprssig@tapr.org>; Fri, 5 Jul 1996 08:49:57 -0500 (CDT)
From: byoung@qni.com
Received: from [206.29.114.81] (s81.qni.com) by qni.com (5.x/SMI-SVR4) id AA23165; Fri, 5 Jul 1996 08:50:45 -0500
Date: Fri, 5 Jul 1996 08:50:44 -0500
Message-Id: <9607051350.AA23165@qni.com>
Mime-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Subject: KB0UZQ's "Overnight APRS/STS-78 Status Report"

To: aprssig@tapr.org
Cc: wb4apr@amsat.org
X-Mailer: SPRY Mail Version: 04.10.06.22

Fellow APRS's,

I got my 4th "CONGRATS!!!!..." message this morning! Also, for the first time, I saw my own digipeat! (Gee Wally, does that mean I can QSL myself? I don't think so Beaver...) Following is the "raw" information (as Bob B. requested!) from the various screen commands:

(V)IEW BUFFER
have given their lives in defence of our country. My God bless every American and their families.

W5RRR-1>SAREX:#1273-is your STS-78 SAREX QSO number.

KB0UZQ>EM29QJ, W5RRR-1*

W5RRR-1>QSL:N1ERY/1297 KDISM/1292 VK2CM/1267 F6KSY/1232 KE4LQF/1211
ZS6RSW/1207

W5RRR-1>W9HAD:#1320-is your STS-78 SAREX QSO number.

(L)ATEST BCNS
W5RRR-1 050558 #1320-is your STS-78 SAREX QSO number.

(A)LL BEACONS
this was blank...

(P)OSITIONS
just mine...

(D)IGIPEATERS USED
*W5RRR-1 >W9HAD

(H)EARD LOG
6 5 4 3 2 nothing earlier
W5RRR-1 . 1 4 . . nothing earlier

I hope this information is helpful!

Bill Young
byoung@qni.com
KB0UZQ
Located @ Smithville, MO (30 miles north of Kansas City, MO)

From ad4bl@juno.com Fri Jul 05 09:16:49 1996
Received: from x4.boston.juno.com (x4.boston.juno.com [205.231.101.22]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA29212 for <aprssig@tapr.org>; Fri, 5
Jul 1996 09:16:48 -0500 (CDT)
Received: (from ad4bl@juno.com) by x4.boston.juno.com (queuemail)
id KAA13423; Fri, 05 Jul 1996 10:16:29 EDT

To: aprssig@tapr.org
Date: Fri, 5 Jul 1996 09:14:19 PST
Subject: SAREX
Message-ID: <19960705.091422.2614.3.ad4bl@juno.com>
X-Mailer: Juno 1.00
X-Juno-Line-Breaks: 0-3
From: ad4bl@juno.com (Linda G Mullen)

At this location 1408-1412z voice pass

Linda AD4BL
Panama City FL

From khufford@postmaster2.dot.gov Fri Jul 05 09:55:21 1996
Received: from relay.dot.gov (relay.dot.gov [152.120.130.100]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id JAA01417 for <aprssig@tapr.org>; Fri, 5 Jul 1996
09:55:19 -0500 (CDT)
Received: from postmaster2.dot.gov (postmaster2.dot.gov [152.120.100.131]) by
relay.dot.gov (8.7.5/8.7.3) with SMTP id KAA15274 for <aprssig@tapr.org>; Fri, 5
Jul 1996 10:55:11 -0400 (EDT)
Received: from cc:Mail by postmaster2.dot.gov
id AA836589309; Fri, 05 Jul 96 10:44:16 EST
Date: Fri, 05 Jul 96 10:44:16 EST
From: "Hufford, Kent" <khufford@postmaster2.dot.gov>
Message-Id: <9606058365.AA836589309@postmaster2.dot.gov>
To: aprssig@tapr.org
Subject: GPS mapping - Cheap!

Most of you know, you can get "Precision Mapping 2.0" at a computer
show for as little as \$19. It retails for \$39. Has ALL the street
level maps for the US on one CD rom.

They have had on their web site "www.justsoftworks.com" a GPS beta
version. IT works great with any NEMA output GPS. They just released
their retail final version 1.1. IT retails for \$59. But you need a
copy of 2.0 also. You can download the retail version from there web
site, and it will work for 5min. at a pop. CALL them up and give them
your plastic number, and they will give you your registration number
to make it the full version. Or you can buy Precision Mapping 2.0
w/GPS for \$99 retail. They also have the same software w/GARMIN 38 for
\$399.

Anyway, the maps are great, works great with a GPS, and only costs
\$78-98. Now all they need to do is add APRS..

Kent

KQ4KK

From barrettd@crpl.cedar-rapids.lib.ia.us Fri Jul 05 10:07:56 1996
Received: from CRPL.CEDAR-RAPIDS.LIB.IA.US (crpl.cedar-rapids.lib.ia.us
[198.134.138.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id KAA01985 for

<aprssig@tapr.org>; Fri, 5 Jul 1996 10:07:54 -0500 (CDT)
Message-Id: <199607051507.KAA01985@tapr.org>
Received: from ppp-110.cedar-rapids.lib.ia.us by CRPL.CEDAR-RAPIDS.LIB.IA.US with SMTP;

Fri, 5 Jul 1996 10:08:32 -0500 (CDT)
X-Sender: barrettd@crpl.cedar-rapids.lib.ia.us
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Fri, 05 Jul 1996 10:13:51 -0500
To: aprssig@tapr.org
From: David Barrett <barrettd@crpl.cedar-rapids.lib.ia.us>
Subject: Re: [APRSSIG:2705] Position tracking multiple gliders - what technology?

>The GPS/KPC-3/radio combination is a bit awkward - can you get this stuff
>combined into one (cheap) unit?

>

>Eagerly awaiting any advice,

>Ian

>Glider pilot B21, in Cambridge, England.

>email: ijl20@cl.cam.ac.uk

>

>

A dual port Paccomm Pico TNC wwith a Garmin45 or one of the GPS engines and any handheld radio makes for a small package.

I think for your best answer you should try to get one of the balloon guy's to respond. They have done the best work in GPS/TNC packaging, and have proven results. NIAN folks are a good source

David E. Barrett
barrettd@crpl.cedar-rapids.lib.ia.us

If I can't give you a good sound reason
I'll give you a reason that sounds good

()_
 ()_ _
(-----)
 \ \ \
 \ \

From bruninga@nadm.navy.mil Fri Jul 05 10:14:07 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id KAA02198 for <aprssig@tapr.org>; Fri, 5 Jul 1996 10:14:05 -0500 (CDT)
Received: (from bruninga@localhost) by arctic.nadm.navy.mil (8.6.12/8.6.12) id LAA07722; Fri, 5 Jul 1996 11:14:38 -0400
Date: Fri, 5 Jul 1996 11:14:38 -0400 (EDT)
From: Bob Bruninga <bruninga@nadm.navy.mil>
To: "Arthur J. Martin" <amartin@world2u.com>

cc: aprssig@tapr.org
Subject: Re: 76e map display "bare"
In-Reply-To: <199607050413.AAA06783@ants3.world2u.com>
Message-ID: <Pine.SUN.3.91.960705110927.7292A-1000000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

For those of you expecting to see your APRS USA map light up with contacts, I'm sure you are as underwhelmed as I, but remember that the SAREX QSO packets contain no position info. Only when you capture an APRS formatted DIGIpeated positions will they show on the map. I have only seen 2 the whole mission (althoough a total of 56 have been reported)

Clearly its time for me to overhaul my antenna (in the top of an 80 foot tree)

Also notice that there are only 32 of us compared to 1500 to 3500 other packeteers trying, and we are all competing for the same few seconds..

de wb4apr@amsat.org

From amirault@laraby.tiac.net Fri Jul 05 10:27:25 1996
Received: from laraby.tiac.net (root@laraby.tiac.net [199.0.65.80]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id KAA02812 for <aprssig@tapr.org>; Fri, 5 Jul 1996 10:27:24 -0500 (CDT)
Received: (from amirault@localhost) by laraby.tiac.net (8.6.9/8.6.6.Beta9) id LAA15030; Fri, 5 Jul 1996 11:27:10 -0400
Date: Fri, 5 Jul 1996 11:27:10 -0400 (EDT)
From: Richard Amirault <amirault@laraby.tiac.net>
To: aprssig@tapr.org
Subject: Heard this morning via W5RRR-1
In-Reply-To: <31DCB9D8.5B49@worldnet.att.net>
Message-ID: <Pine.BSF.3.91.960705112245.14941A-1000000@laraby.tiac.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On 7/5/96 at

11:04 utc KD1SM FN42D0:73 de Ralph
11:05 utc N1PPP No pos report, beacon was "Hi from NH" and Unproto
 was set to DAVE (via W5RRR-1)

Confirmed via shuttle by my digi page

Richard Amirault N1JDU Boston, Massachusetts USA
amirault@tiac.net "Go Fly A Kite"

From bruninga@nadm.navy.mil Fri Jul 05 10:29:09 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id KAA02961 for <aprssig@tapr.org>; Fri, 5 Jul 1996 10:29:07 -0500 (CDT)
Received: (from bruninga@localhost) by arctic.nadm.navy.mil (8.6.12/8.6.12) id LAA08348; Fri, 5 Jul 1996 11:29:36 -0400

Date: Fri, 5 Jul 1996 11:29:36 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:2790] Re: APRS Sarex FILLS needed
In-Reply-To: <31DCB9D8.5B49@worldnet.att.net>
Message-ID: <Pine.SUN.3.91.960705112415.7292F-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 4 Jul 1996, William Nolle wrote:

> Bob am i doing something wrong or is that a quirck with APRS but there's
> no way i have found that i can save any of the beacons i get, and there
> where many that i can save. I looked in the .BK .LOG files and all that's
> there is one, my own.

APRSDos REPLY COMMENT: Here are the factors involved in being sure that
you have saved everything:

- 1) You should have LOG enabled (tho it only will auto-log if you get
more than 50 packets!)
- 2) You should do a FILES-SAVE before you exit APRS

OR

3) When you QUIT aprs do **not** accept the default backup file name of
"BACKUP". If you use BACKUP, then the LOGS and HSTS files are **not**
saved.

4) All packets heard by APRS will be captured, unless you are in O-C-T
mode where you are talking to your TNC directly and APRS is disabled.

de wb4apr@amsat.org

From Doug_Wetzel@acs.uswest.com Fri Jul 05 10:52:17 1996
Received: from uswgco3.uswc.uswest.com (uswgco3.uswest.com [206.196.133.82]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA04314 for <aprssig@tapr.org>; Fri, 5
Jul 1996 10:52:16 -0500 (CDT)
From: Doug_Wetzel@acs.uswest.com
Received: from egate.mnet.uswest.com (egate.mnet.uswest.com [151.116.23.138]) by
uswgco3.uswc.uswest.com (8.7.5/8.7.1) with ESMTP id JAA23474 for
<aprssig@tapr.org>; Fri, 5 Jul 1996 09:51:39 -0600 (MDT)
Received: from easthub (easthub.mnet.uswest.com [151.117.26.86]) by
egate.mnet.uswest.com (8.7.1/8.7.1) with SMTP id JAA03068 for <aprssig@tapr.org>;
Fri, 5 Jul 1996 09:51:39 -0600 (MDT)
Received: by easthub.mnet.uswest.com (M-Net Hub.951228)
Received: by acs.uswest.com (5.x/SMI-SVR4)
id AA09329; Fri, 5 Jul 1996 10:51:37 -0500
Received: from acmspgw1.mnet.uswest.com by acs.uswest.com (5.x/SMI-SVR4)
id AA09323; Fri, 5 Jul 1996 10:51:23 -0500
Received: from ccMail by acmspgw1.mnet.uswest.com
(IMA Internet Exchange v1.04) id 1dd392f0; Fri, 5 Jul 96 10:47:59 -0500

Mime-Version: 1.0
Date: Fri, 5 Jul 1996 09:45:42 -0500
Message-Id: <1dd392f0@acmspgw1.mnet.uswest.com>
Subject: SAREX
To: aprssig@tapr.org
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Description: cc:Mail note part

051226Z Pass

1226-1234Z

Voice on this pass over Salt Lake City

73
Doug
KC7CO
Radio Free Utah

From Doug_Wetzel@acs.uswest.com Fri Jul 05 10:56:53 1996
Received: from uswgco3.uswc.uswest.com (uswgco3.uswest.com [206.196.133.82]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA04689 for <aprssig@tapr.org>; Fri, 5 Jul 1996 10:56:51 -0500 (CDT)
From: Doug_Wetzel@acs.uswest.com
Received: from egate.mnet.uswest.com (egate.mnet.uswest.com [151.116.23.138]) by uswgco3.uswc.uswest.com (8.7.5/8.7.1) with ESMTP id JAA23633 for <aprssig@tapr.org>; Fri, 5 Jul 1996 09:56:31 -0600 (MDT)
Received: from easthub (easthub.mnet.uswest.com [151.117.26.86]) by egate.mnet.uswest.com (8.7.1/8.7.1) with SMTP id JAA03201 for <aprssig@tapr.org>; Fri, 5 Jul 1996 09:56:30 -0600 (MDT)
Received: by easthub.mnet.uswest.com (M-Net Hub.951228)
Received: by acs.uswest.com (5.x/SMI-SVR4)
id AA09439; Fri, 5 Jul 1996 10:56:28 -0500
Received: from acmspgw1.mnet.uswest.com by acs.uswest.com (5.x/SMI-SVR4)
id AA09434; Fri, 5 Jul 1996 10:56:19 -0500
Received: from ccMail by acmspgw1.mnet.uswest.com
(IMA Internet Exchange v1.04) id 1dd3a5a0; Fri, 5 Jul 96 10:52:58 -0500

Mime-Version: 1.0
Date: Fri, 5 Jul 1996 09:51:42 -0500
Message-Id: <1dd3a5a0@acmspgw1.mnet.uswest.com>
Subject: SAREX ?
To: aprssig@tapr.org
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Description: cc:Mail note part

I saw something unexpected on the 1052Z pass this morning - immediately after getting the "Success" notification from APRS, Columbia sent a QSO # (which because of Windows problems which caused APRS to crash shortly thereafter) which included a long string of callsigns - maybe ten or fifteen of them - thereafter. Something on this order:

W5RRR-1>QSO# 13XX W1ABC W2DEF W3GHI W4JKL W5MNO W6PQR KC7CO W8STU.....etc.

Since this differs from both the single packet APRS digi and the single QSO connection confirmation, can someone explain what I've seen?

Thanks!

Doug
KC7CO

From .-.Cheap!@orps1.orps.state.ny.us Fri Jul 05 11:34:12 1996
Received: from orps1 (orps1.orps.state.ny.us [206.112.134.2]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id LAA07076 for <aprssig@tapr.org>; Fri, 5 Jul 1996
11:34:09 -0500 (CDT)
Received: from mail.orps.state.ny.us by orps1 (SMI-8.6/SMI-SVR4)
id MAA05811; Fri, 5 Jul 1996 12:31:46 -0400
Received: from ccMail by mail.orps.state.ny.us
(IMA Internet Exchange 2.0 Enterprise) id 1DD425A0; Fri, 5 Jul 96 12:27:06 -0400
Mime-Version: 1.0
Date: Fri, 5 Jul 1996 12:25:08 -0400
Message-ID: <1DD425A0.1855@mail.orps.state.ny.us>
From: .-.Cheap!@orps1.orps.state.ny.us (- Cheap!)
Subject: _d
To: aprssig@tapr.org
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Description: cc:Mail note part

Most of you know, you can get "Precision Mapping 2.0" at a computer show for as little as \$19. It retails for \$39. Has ALL the street level maps for the US on one CD rom.

They have had on their web site "www.justsoftworks.com" a GPS beta version. IT works great with any NEMA output GPS. They just released their retail final version 1.1. IT retails for \$59. But you need a copy of 2.0 also. You can download the retail version from there web site, and it will work for 5min. at a pop. Call them up and give them your plastic number, and they will give you your registration number to make it the full version. Or you can buy Precision Mapping 2.0 w/GPS for \$99 retail. They also have the same software w/GARMIN 38 for \$399.

Anyway, the maps are great, works great with a GPS, and only costs \$78-98. Now all they need to do is add APRS..

Kent

KQ4KK

From bruninga@nadm.navy.mil Fri Jul 05 12:18:49 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id MAA09973 for <aprssig@tapr.org>; Fri, 5

Jul 1996 12:18:46 -0500 (CDT)
Received: (from bruninga@localhost) by arctic.nadn.navy.mil (8.6.12/8.6.12) id
NAA14024; Fri, 5 Jul 1996 13:19:44 -0400
Date: Fri, 5 Jul 1996 13:19:37 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
To: aprssig@tapr.org
cc: amsat-bb@amsat.org
Subject: APRS Sarex report (14)
Message-ID: <Pine.SUN.3.91.960705125148.7292R-1000000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Five more stations got plotted on APRS today giving us 15 days of SAREX activity, 20 voice passes and 25 packet passes. I still need a list of Scheduled School passes so I can account for about 30 passes where we heard nothing...

Twenty APRS stations have been successful (62 pkts). Email shows that nine APRS stations are trying every pass: WA8INZ, WB6LLO, KB0UZQ, KD4EMI N2THO, WB4APR, KC5EJK, AD4BL, KC4ZQ. Other stations doing passes when they can are N3MNT, N3IVO, N8EDU, AD4BL, N2QAE, WA1LOU, KC7CO, N1CPE, WB5QLD, K1HJC, KE6AFE, KU0G WB4LTF, N5RKN, KC4NHB, AB5GE, KG0DW, KD1SM, N1JDU, KF4DYS, KK6IB, N6HNY, WA4HEI, KC4ZGQ, KI5VM, WB3JNZ, N2NRD, VA3HOI.

Comparing our APRS success rate 62 pkts (for 37 people) to the total number of stations playing with SAREX, (1350 QSO#s) could imply a lower bound of 2200 or upper bound of 4200 packet stations on frequency, all things being equal... Does that sound about right?

If you have other data or are not listed, pse report.

DAY	EDT	ZULU	COMMENTS
21	1745	2145z	Voice K04HD F1 Keys
21		2238z	Voice WB6LLO San Diego, and W5GEL Texas
22	0915	1315z	through 1400 on 23 June nothing heard on 9 passes
23	1535	1935z	voice heard in S. Fla
23		2110z	Voice heard in Calif
24	0740	1140z	nothing heard on next 4 passes
24	1355	1755z	voice reported in Texas
24	1530	1930z	nothing heard on next 2 passes
25	0902	1302z	School pass Grapevine TX
25	1045	1445z	I missed the pass (Any reports of activity?)
25	1230	1620z	Voice over usa. They said Packet soon!
25	1400	1750z	Voice over USA
26	0730	1130z	Packet reported fm Alabama
26	0904	1304z	Packet reported in Texas & East. QSO#'s 104 to 130
		1313z	QSO#123. K1HJC>FN43HB, W5RRR-1*>APRS 0.5 on line (first one!)
		1010	1610z packets. QSO#'s 141
26	1356	1756z	QSO#189-214 (the 189 is not certain)
26	1500	1900z	? (I missed it. Anyone else have a report?)
27	0725	1125z	nothing heard this pass and the 0900 EDT pass
27	1035	1435z	voice heard on this and 1610z, and 1745z passes

27 1510 1910z ? (i missed it. Anyone else have a report?)
 28 0725 1125z QS0#346-355. 22 packets copied in Maryland
 28 0900 1300z 27 pkts reported in MO and AL by KB0UZQ and KE4EER
 28 1036 1436z voice heard
 28 1915z packets heard in Calif. WB6LL0 "success"
 29 0730 1130z voice heard
 29 0900 1300z nothing heard
 29 1027 1427z QS0#519-529. & KE6AFE>CM86XX,W5RRR-1*:Hi de Cap
 14??z WB6LL0 gets congrats (Anyone see it?)
 1433z WB4LTF>EL98IP,W5RRR-1*:Orlando FL
 1436z N8DEU>EM64QS,W5RRR-1*:[GS]Tim at Huntsville, AL (TNC only)
 29 1346 1746z Voice reported in FL
 29 1911z WB6LL0 APRS success reported in Calif? (Anyone see it?)
 1920z Voice reported in Honduras
 30 0545 0945z QS0#672. & KE4EER>EM64SX,W5RRR-1*:Bill, Hazel Green AL V7.6e
 30 0720 1120z QS0#729.
 30 0850 1250z 9 weak pkts heard in MD. Weak pkts hrd in SoCAL
 30 1023 1423z nothing heard in SoCAL
 30 1157 1557z voice on west coast and in AL
 30 1732z nothing heard in Calif
 30 1906z WB6LL0 gets "CONGRATS"
 01 0405 0805z Strong voice reported
 01 0540 0950z KE4EER reports strong voice in AL
 01 0720 1120z Voice heard in MD working Michigan
 01 0850 1250z nothing (someone reported weak packet?)
 01 1025 1425z nothing. Weak pkts then voice reported in Salt Lake City
 01 1200 1600z nothing
 02 0422 0822z no packets detected in MD
 02 0540 0940z no packets detected in MD
 02 0722 1122z no packets detected in MD
 02 0842 1242z nothing
 02 1413z Voice full quieting over Utah
 02 1547z nothing heard in MD. But following heard in Florida
 WA8INZ>W5RRR-1*>EM64SX:@021000/3458.49N/08629.87W WyBills Laptop
 WA8INZ>W5RRR-1*>EM64SX:Bill, Hazel Green, AL v76
 1726z nothing heard (weak packets heard in Utah and Honduras)
 03 0532 0932a 21 pkts hrd in Dallas, 26 in MD. QS0#888-914. And 2 APRS
 0932z KB0UZQ>W5RRR-1*>EM29QJ: (four)
 0932z KC5EJK>W5RRR-1*>APRS:[EM120U]
 0933z KG0DW>W5RRR-1*>EN31CO:Hello Columbia from Steve in Des Moines
 0937z N1JDU>W5RRR-1*>FN42LK:APRS 0.5 on line (two)
 0937z KD1SM>W5RRR-1*>FN42DO:APRS 0.5 on line (two)
 03 0707 1107z 6 Pkts heard in MD. QS0#971-975
 11??z KG0DW got a congrats! (Anyone get a copy?)
 1111z KD1SM>W5RRR-1*>FN42DO:APRS 0.5 on line
 11??z KB0UZQ>EM22QJ,W5RRR-1*:
 03 0838 1238z 39 pkts heard in Dallas, 3 in MD, 34 in FL. QS0#1010-1035
 1238z WB6LL0 030540 /261214/3247.03N/11711.35W Sdm12js0 (three!)
 1238z N6HNY>DM04RK,W5RRR-1*:DM04RK
 12??z KC5EJK>W5RRR-1*>APRS:[EM120U]
 1244z WA8INZ>W5RRR-1*>EM64SX:Bill, Hazel Green, AL v76d (two)
 1247z WB4LTF>W5RRR-1*>EL98IP:Casselberry FL (six)
 03 1020 1420z Weak voice (canadian) heard in MD for 1st half of pass

03 1550z K04HD reports carrier bursts near end but no audio
 03 1720z out of view of east coast
 04 0355 0755z N4ZQ>W5RRR-1*>QST:CQ this is radio N4ZQ, Keith in Florida
 04 0528 0928z QS0#s1108-1125
 0928z KC5EJK>W5RRR-1*>APRS:[EM120U]
 0930z WB4LTF>W5RRR-1*>EL98IP:Casselberry FL (eight)
 0933z WA4HEI>W5RRR-1*>EN65UX:@EN65ux]^C2
 04 0700 1100z QS0#s1152-1180
 1103z KC5EJK>W5RRR-1*>APRS:[EM120U]
 1103z WA8INZ>W5RRR-1*>EM64SX:Bill, Hazel Green, AL v76d (five)
 1105z AD4BL>W5RRR-1*>EM70DF:AD4BL EM70
 1105z WA4HEI>W5RRR-1*>EN65UX:@EN65ux]^C2
 04 0834 1235z Voice copied in the midwest
 04 1000 1400z Voice heard in CA and midwest
 05 0347 0747z QS0#1256-1258. WA8INZ gets congrats (anyone see it?)
 05 0421 0921z QS0#1288-1297
 0925z WB3JNZ>FN10RS,W5RRR-1*:
 092?z KD1SM>FN42D0,W5RRR-1*:73 de Ralph
 05 0658 1058z QS0#1320-1343
 1058z KC7C0 gets congrats (anyone see it?)
 1058z KB0UZQ gets congrats (anyone see it?)
 1102z N2NRD>FM29LQ,W5RRR-1*:
 1102z VA3HOI gets congrats (Anyone see it?)
 1104z KD1SM>FN42D0,W5RRR-1*:73 de Ralph
 1105z N1PPR>DAVE,W5RRR-1*:
 05 0835 1235z Voice
 05 1008 1408z Voice

I still have three passes unaccounted for.. If you have raw data to fill in or correct entries above, please send them to me. I also like to get the QS0#'s for every packet pass (just 1st and last # pse)

Probably only ONE day to go (and its all at sleep time!). Have fun!

de wb4apr@amsat.org

From ke4eer@worldnet.att.net Fri Jul 05 12:29:58 1996
Received: from mailhost.worldnet.att.net (mailhost.worldnet.att.net
[204.127.129.3]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id MAA10490 for
<aprssig@tapr.org>; Fri, 5 Jul 1996 12:29:57 -0500 (CDT)
Received: by mailhost.worldnet.att.net (SMI-8.6/SMI-SVR4)
id RAA25910; Fri, 5 Jul 1996 17:29:24 GMT
Received: from 117.dallas-1.tx.dial-access.att.net(199.69.132.117)
by mailhost.worldnet.att.net with SMTP
id A25801; Fri Jul 5 17:29:09 1996
Message-ID: <31DD6CFE.6045@worldnet.att.net>
Date: Fri, 05 Jul 1996 12:29:02 -0700
From: William Nolle <ke4eer@worldnet.att.net>
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:2815] _d
References: <1DD425A0.1855@mail.orps.state.ny.us>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

- Cheap! wrote:

>
> Kent
>
> KQ4KK

I got this message twice already this morning!. Not many (If any) on the sig
have a laptop with a CD-Rom and according to their website that's what it
takes to run the version that will work with GPS.

--
Bill WA8INZ

ke4eer@worldnet.att.net
ke4eer@amsat.org

From sguccion@outland.dtcc.edu Fri Jul 05 12:47:30 1996
Received: from outland.dtcc.edu (sguccion@outland.dtcc.edu [138.123.12.201]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id MAA11207 for <aprssig@tapr.org>; Fri, 5 Jul 1996 12:47:27 -0500 (CDT)
Received: (from sguccion@localhost) by outland.dtcc.edu (8.6.11/8.6.11) id NAA17738; Fri, 5 Jul 1996 13:47:07 -0400
Date: Fri, 5 Jul 1996 13:47:06 -0400 (EDT)
From: Dr Samuel Guccione <sguccion@outland.dtcc.edu>
X-Sender: sguccion@outland
To: Bob Bruninga <bruninga@nadn.navy.mil>
cc: aprssig@tapr.org
Subject: Re: GPS-20 and Power supplies
In-Reply-To: <Pine.SUN.3.91.960704224857.19416A-1000000@arctic>
Message-ID: <Pine.SV4.3.91.960705134428.17680A-1000000@outland.dtcc.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Bob, just a final note to you and the SIG. I have finally got my MIM/MIC tracker box to work. Thanks for your support during my assembly and testing. I did finally use two 2 AH batteries. One for Maxon and one for the GPS-20 and MIM. I will see how well this combo works over this weekend. Will be testing it extensively.

Sam Guccione K3BY near Dover, Delaware

On Thu, 4 Jul 1996, Bob Bruninga wrote:

> Im sharing this with the sig, because Many of us have had this little panic
> about our boards dying. The thing is, that the power-up-reset circuitry
> is very picky about how the power is applied. I dont know what the details
> are, but it appears that the 5 volt supply must be "stiff". FOr battery
> trackers, you might have a big CAP across the battery to give the stiffness
> when the ON switch is flipped.

>

> On Thu, 4 Jul 1996, Dr Samuel Guccione wrote:

>

> > Bob, I found that it was the supply. I was operating from a battery and
> > did not check its stiffness. That is when I thought it was not operating
> > correctly. Then I tried one of my power supplies. Guess what! I did
> > not check its stiffness either. Both battery and supply were not stiff
> > enough. I guess I will need two batteries to make my tracker box work.

> >

> > Thanks for the confirmation of the solution. I was worried about
> > toasting \$180 board.

>

>

From ku0g@sprynet.com Fri Jul 05 12:55:27 1996
Received: from m1.sprynet.com (m1.sprynet.com [165.121.1.97]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id MAA11928 for <aprssig@tapr.org>; Fri, 5 Jul 1996

12:55:25 -0500 (CDT)
From: ku0g@sprynet.com
Received: from [199.174.141.54] (ad14-054.compuserve.com [199.174.141.54]) by m1.sprynet.com (8.6.12/8.6.12) with SMTP id KAA27704 for <aprssig@tapr.org>; Fri, 5 Jul 1996 10:53:15 -0700
Date: Fri, 5 Jul 1996 10:53:15 -0700
Message-Id: <199607051753.KAA27704@m1.sprynet.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Subject: Re: [APRSSIG:2806] KB0UZQ's "Overnight APRS/STS-78 Status Report"
To: aprssig@tapr.org
In-Reply-To: <9607051350.AA23165@qni.com>
X-Mailer: SPRY Mail Version: 04.00.06.21

Well, I'm REALLY disgusted now! I was in space mode all night long and didn't get squat here! Of course, I slept through the two best passes, but thought I would at least get an auto-hit! Will try again tonight then quit in anger and frustration and look with chagrin on Bill just north of me who, with his puny 50 watts and mag-mount-on-a-pole antenna is doing better than me! Grrrrrrrrr....

(Congrats anyway, Bill!)

Best 73,
Jim Duncan, KU0G
APRS--Kansas City Coordinator
EMail: ku0g@sprynet.com

From bruninga@nadn.navy.mil Fri Jul 05 13:11:34 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id NAA13218 for <aprssig@tapr.org>; Fri, 5 Jul 1996 13:11:32 -0500 (CDT)
Received: (from bruninga@localhost) by arctic.nadn.navy.mil (8.6.12/8.6.12) id OAA16821; Fri, 5 Jul 1996 14:12:30 -0400
Date: Fri, 5 Jul 1996 14:12:30 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
To: aprssig@tapr.org
Subject: APRS SAREX final info needed
Message-ID: <Pine.SUN.3.91.960705133504.14849A-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

We need to understand the differences between successful and unsuccessful stations. Be brief, but tell us needed info about your antenna path to the shuttle, your RCV/XMT losses and OPERATIONS. Here are my BRIEF reports:

WB4APR STATION: NO success. Copied probably 10% of all packets reported
OPS: On freq and ARMED 100%. Manned during waking (non workhours).
ANT: 6db High gain omni antenna (poor elevation gain)
good horizon in all directions.
PWR: 40 watts
LOSSES: 120 feet of 75 ohm hardline
COMMENTS: Looks like I need to check my antenna (last ck 5 yrs ago)

W3ADO STATION: NO success. Copied probably 10% of packets reported
OPS: Monitor 100%, Manned during working hours.
ANT: Long Yagi, AZ-EL
PWR: 25W
LOSSES: 120 feet of RG-8
COMMENTS: 100w amp and remote pre-amp smoked on day 1, so the 6 db
of cable loss on XMT and RCV killed us. Also, all unmanned
passes would have the beam not tracking, missing all but the
one pass optimized.

I do not need a list of every pass that you manned, but just a percentage
of your efforts compared to ONLY THOSE PASSES WHERE PACKET was active.
Send all replies to me, and not the SIG to help minimize QRM.

From rick_o@jericho.com Fri Jul 05 13:33:42 1996
Received: from jericho.com (jericho.com [204.68.191.254]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id NAA14380 for <aprssig@tapr.org>; Fri, 5 Jul 1996
13:33:39 -0500 (CDT)
X-ROUTED: Fri, 5 Jul 1996 14:33:18 -0500
Received: from rick_o [204.68.191.101] by jericho.com with smtp
id AOBKDDAD ; Fri, 5 Jul 1996 14:26:50 -0500
Message-ID: <31DD5F76.428F@jericho.com>
Date: Fri, 05 Jul 1996 14:31:18 -0400
From: "Rick O'Hearn" <rick_o@jericho.com>
Organization: KF4CDO
X-Mailer: Mozilla 2.0 (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
CC: rick_o@jericho.com
Subject: Re: [APRSSIG:2817] Re: _d
References: <tcppop3.34587@jericho.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Not ness true, you can load maps to drive by state. They even explain
how. Example VA is about 17meg.

KF4CDO
rick_o@jericho.com

>
> - Cheap! wrote:
> >
> > Kent
> >
> > KQ4KK
>
> I got this message twice already this morning!. Not many (If any) on the sig
> have a laptop with a CD-Rom and according to their website that's what it
> takes to run the version that will work with GPS.

>
> --
> Bill WA8INZ
> ke4eer@worldnet.att.net
> ke4eer@amsat.org

From seront@seism1.ess.sunysb.edu Fri Jul 05 14:38:04 1996
Received: from ccm1.sunysb.edu (ccm1.sunysb.edu [129.49.1.103]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id 0AA17708 for <aprssig@tapr.org>; Fri, 5 Jul 1996
14:38:01 -0500 (CDT)
Received: from seism1.ess.sunysb.edu by ccm1.sunysb.edu (PMD5 V5.0-6 #8051)
id <01I6PW3IAIM8A4LGC1@ccm1.sunysb.edu> for aprssig@tapr.org; Fri,
05 Jul 1996 15:37:53 -0400 (EDT)
Received: from cort0.ess.sunysb.edu by seism1.ess.sunysb.edu (4.1/SMI-4.1)
id AA12423; Fri, 05 Jul 1996 15:37:09 -0400 (EDT)
Date: Fri, 05 Jul 1996 15:37:20 -0400
From: Bernard Seront <seront@seism1.ess.sunysb.edu>
Subject: MAR-6 update.
X-Sender: seront@seism1.ess.sunysb.edu
To: aprssig@tapr.org
Message-id: <2.2.32.19960705193720.00896b34@seism1.ess.sunysb.edu>
MIME-version: 1.0
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Content-type: text/plain; charset="us-ascii"
Content-transfer-encoding: 7BIT

Just a short notice to inform everyone on the evolution of the process.

I received the MAR-6's early this week. I'm ready to ship them back.

I had send personal e-mail last week to all the interested parties with
details about payment, address... I know that at least one of these e-mail
bounced (K5AHE, for instance, can't get an e-mail to you now).
I already started shipping to those who answered.

A copy of the above mentioned details is at the end of this e-mail so
hopefully everyone will get it now.
Address and phone (at work) are there too, BUT phone is not a good way to
reach me (doing experiments in a not-phone-equipped lab, most often I can't
answer).

I started to put together some ideas and a possible layout for the pre-amp,
I will upload that as time permit... (deadlines, papers and such, those
working in academic environment know that). I'm working on a prototype too...

Hi,

I received confirmation that the MAR-6 will be shipped to me before June 27.
It's now time for you to send me your payment so I can re-ship your units as

soon as possible.

Send me your payment, by check, money order, or even cash in the envelope (but you take the responsibility if I don't receive it), in US\$. The price is still 2\$ per unit, :-), including handling, shipping, ...

My address is:

Bernard SERONT
Earth and Space Sciences
State University of New York
STONY BROOK, NY, 11794-2100.

Just attach a short note with your payment with the quantity of MAR-6 you want, and if you want the standard case or surface mount. Don't forget to put YOUR address somewhere, so I know where to ship!

or just print and fill (or fill and print) the following:

Name :
Street Address :
:
:
:
Town, State, Zip:

MAR-6 standard case : Qty: * 2\$ =
MAR-6SM surface mount : Qty: * 2\$ =

Total =

If you need to contact me, feel free, e-mail is the -faster- way.

Bernard, KB2TGH.

<<>><>>> Bernard Seront
| e-mail: seront@seism1.ess.sunysb.edu
| (o)(o) http://rock.ess.sunysb.edu:8080/
| _) addr: Department of Earth and Space Sciences
| ,___| State University of New-York at Stony Brook
|___/ STONY BROOK, NY, 11794-2100, USA
/ \ phone: (516)632-8302 fax: (516)632-8240

From fehner@cts.com Fri Jul 05 15:08:40 1996

Received: from burnout.cts.com (root@burnout.cts.com [205.163.23.25]) by tapr.org

(8.7.5/8.7.3/1.9) with SMTP id PAA18831 for <aprssig@tapr.org>; Fri, 5 Jul 1996 15:08:39 -0500 (CDT)

Received: from fehnercom.cts.com (fehnercom.cts.com [198.68.171.229]) by burnout.cts.com (8.6.12/8.6.9) with SMTP id NAA09476 for <aprssig@tapr.org>; Fri, 5 Jul 1996 13:08:36 -0700

Message-Id: <2.2.32.19960705200945.006af99c@mail.cts.com>

X-Sender: fehner@mail.cts.com

X-Mailer: Windows Eudora Pro Version 2.2 (32)

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Date: Fri, 05 Jul 1996 13:09:45 -0700

To: aprssig@tapr.org

From: Barbara Fehner <fehner@cts.com>

Subject: Re: [APRSSIG:2783] KE6AFE (fwd)

Perhaps they are having the same trouble that I am having. I've left APRS 76E on in space mode for all passes the last 3 days and it has yet to trigger even though it is armed and has received w5rrrr-1 3 times.

Barbara KK6IB

E-Mail: fehner@cts.com

>APRSDos REPLY COMMENT:

>We finally got the confirmation of KE6AFE's POSIT. Thanks to Dave!

>

>But I notice that all of the reports (35) except for TWO are from the
>midwest and east coast. California is active on SAREX aren't they? grin

>

>de wb4apr@amsat.org

From amirault@laraby.tiac.net Fri Jul 05 15:21:08 1996

Received: from laraby.tiac.net (root@laraby.tiac.net [199.0.65.80]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id PAA19291 for <aprssig@tapr.org>; Fri, 5 Jul 1996 15:21:03 -0500 (CDT)

Received: (from amirault@localhost) by laraby.tiac.net (8.6.9/8.6.6.Beta9) id QAA19255; Fri, 5 Jul 1996 16:20:47 -0400

Date: Fri, 5 Jul 1996 16:20:47 -0400 (EDT)

From: Richard Amirault <amirault@laraby.tiac.net>

To: Bob Bruninga <bruninga@nadn.navy.mil>

cc: aprssig@tapr.org

Subject: Re: [APRSSIG:2816] APRS Sarex report (14)

In-Reply-To: <Pine.SUN.3.91.960705125148.7292R-1000000@arctic>

Message-ID: <Pine.BSF.3.91.960705161641.18903A-1000000@laraby.tiac.net>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 5 Jul 1996, Bob Bruninga wrote:

> 05 0658 1058z QS0#1320-1343

> 1058z KC7CO gets congrats (anyone see it?)

> 1058z KB0UZQ gets congrats (anyone see it?)

> 1102z N2NRD>FM29LQ,W5RRR-1*:
> 1102z VA3HOI gets congrats (Anyone see it?)
> 1104z KD1SM>FN42D0,W5RRR-1*:73 de Ralph
> 1105z N1PPR>DAVE,W5RRR-1*:

Bob, Maybe I made a typo, but I copied N1PPP, not N1PPR at 11:05z

Richard Amirault N1JDU Boston, Massachusetts USA
amirault@tiac.net "Go Fly A Kite"

From khufford@erols.com Fri Jul 05 19:31:37 1996
Received: from smtp1.erols.com (root@smtp1.erols.com [205.252.116.101]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id TAA27910 for <aprssig@tapr.org>; Fri, 5
Jul 1996 19:31:35 -0500 (CDT)
Received: from khufford.erols.com (man-as3s45.erols.com [206.161.170.173]) by
smtp1.erols.com (8.7.4/8.6.5) with SMTP id UAA16010 for <aprssig@tapr.org>; Fri, 5
Jul 1996 20:31:33 -0400 (EDT)
Message-Id: <199607060031.UAA16010@smtp1.erols.com>
X-Sender: khufford@pop.erols.com (Unverified)
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sat, 06 Jul 1996 00:31:21 -0400
To: aprssig@tapr.org
From: Kent V Hufford <khufford@erols.com>
Subject: Re: [APRSSIG:2817] Re: _d

Bill,

I sent one message to aprssig@tapr.org.

You got mine. I also got two copies. Mine, and one from someplace at "ny.us"
. That is the one you replied to.

I think someone sent you a message saying you can download the state files
you want. He said something like 14Megs for Virginia. I checked TEXAS, it
takes 48MEGS. But you can run without a CD drive in the laptop. Just laplink
it over to your laptop.

"Not many (If any).." Well, I do. I'm just lucky that I have a laptop from
work that does have a CD rom.

I know others do to. Last week I had to put some software on another laptop
at work. First I had to make a set of 18 floppies from the CD...

I wish all the software would run on my ATARI 800, or KAYPRO 2, or my first
laptop - T1100+. But the software just gets bigger.

Precision Mapping 1.1 GPS is an example of great software, for a fair
price... but does take up room.

Still needs APRS tho. I did notice that Softworks has a PM 1.1 GPS
"Developers" kit. Maybe the brothers or Bob will port...

Kent

KQ4KK

At 12:41 PM 7/5/96 -0500, you wrote:

>- Cheap! wrote:

>>

>> Kent

>>

>> KQ4KK

>

>I got this message twice already this morning!. Not many (If any) on the sig
>have a laptop with a CD-Rom and according to their website that's what it
>takes to run the version that will work with GPS.

>

>--

>Bill WA8INZ

>ke4eer@worldnet.att.net

>ke4eer@amsat.org

>

>

>

From bruninga@nadm.navy.mil Fri Jul 05 21:28:05 1996

Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id VAA02501 for <aprssig@tapr.org>; Fri, 5
Jul 1996 21:28:03 -0500 (CDT)

Received: (from bruninga@localhost) by arctic.nadm.navy.mil (8.6.12/8.6.12) id
WAA25245; Fri, 5 Jul 1996 22:29:01 -0400

Date: Fri, 5 Jul 1996 22:29:01 -0400 (EDT)

From: Bob Bruninga <bruninga@nadm.navy.mil>

To: aprssig@tapr.org

Subject: Re: [APRSSIG:2823] Re: KE6AFE (fwd)

In-Reply-To: <2.2.32.19960705200945.006af99c@mail.cts.com>

Message-ID: <Pine.SUN.3.91.960705222727.25119C@arctic>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 5 Jul 1996, Barbara Fehner wrote:

> Perhaps they are having the same trouble that I am having. I've left APRS
> 76E on in space mode for all passes the last 3 days and it has yet to
> trigger even though it is armed and has received w5rrr-1 3 times.

APRSDOS REPLY COMMENT: Are you running an AEA TNC? Maybe I have a
problem recognizing the "non standard" AEA display format. When this is
all over, choose a local station on your APRS frequency. Play like he is
the SAREX. See if your BEACON timer is reset each time you hear him...

de wb4apr@amsat.org

From truxenia@erinet.com Fri Jul 05 21:50:23 1996
Received: from eri.erinet.com (root@eri.erinet.com [198.6.245.100]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id VAA03629 for <aprssig@tapr.org>; Fri, 5 Jul 1996 21:50:21 -0500 (CDT)
Received: from truxenia by eri.erinet.com (8.6.12/EriNet) id WAA12252; Fri, 5 Jul 1996 22:49:36 -0400
Message-Id: <1.5.4.32.19960706024942.00689488@erinet.com>
X-Sender: truxenia@erinet.com
X-Mailer: Windows Eudora Light Version 1.5.4 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Fri, 05 Jul 1996 22:49:42 -0400
To: aprssig@tapr.org
From: Truman Boerkoel <truxenia@erinet.com>
Subject: 40 Meter APRS Activity

Is there any APRS activity on 40 Meters?
I spent the day listening and only heard one station that was not strong enough to copy on 7083.3 Khz

Vry 73 de Tru K8JUG
truxenia@erinet.com

From hwm@netcom.com Fri Jul 05 21:59:54 1996
Received: from mm.wd6dod.ampr.org (hwm@netcom9.netcom.com [192.100.81.119]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id VAA03893 for <aprssig@tapr.org>; Fri, 5 Jul 1996 21:59:47 -0500 (CDT)
Received: (from Bob Lorenzini hwm@netcom.com) by mm.wd6dod.ampr.org (8.7.5/8.6.12) id TAA00165; Fri, 5 Jul 1996 19:59:38 -0700
Date: Fri, 5 Jul 1996 19:59:38 -0700 (PDT)
From: Bob Lorenzini <hwm@netcom.com>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:2825] Re: _d
In-Reply-To: <199607060031.UAA16010@smtp1.erols.com>
Message-ID: <Pine.LNX.3.91.960705195651.161A-100000@mm.wd6dod.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I also have a notebook with cdrom, but it is my understanding that it is possible to run PM with perhaps just your own state or local area off the HD only (no cdrom).

Bob - wd6dod

From rick_o@jericho.com Fri Jul 05 22:36:12 1996
Received: from jericho.com (jericho.com [204.68.191.254]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id WAA05763 for <aprssig@tapr.org>; Fri, 5 Jul 1996 22:36:07 -0500 (CDT)
X-ROUTED: Fri, 5 Jul 1996 23:35:38 -0500
Received: from rick_o [204.68.191.100] by jericho.com with smtp id BHCBBKAG ; Fri, 5 Jul 1996 23:33:26 -0500
Message-ID: <31DDDF7C.7741@jericho.com>
Date: Fri, 05 Jul 1996 23:37:32 -0400

From: "Rick O'Hearn" <rick_o@jericho.com>
Organization: KF4CD0
X-Mailer: Mozilla 2.0 (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
CC: rick_o@jericho.com
Subject: Re: [APRSSIG:2821] Re: _d
References: <tcppop3.34591@jericho.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Installing Map Data on a Laptop

Precision Mapping data can be installed manually on a laptop for use when a CD-ROM is not available. This procedure is not recommended and is not supported by technical support. The following procedure describes the manual installation of map data:

- 1) Copy all of the files (excluding sub-directories) in the sub-directory of PMAP on the CD-ROM drive to the sub-directory where Precision Mapping 2.0 is installed (usually "C:\PMAP2W").
- 2) Copy the sub-directory of the desired state or states that you wish to use into the sub-directory where Precision Mapping 2.0 is installed (usually "C:\PMAP2W"). The result should create a sub-directory in the PMAP2W sub-directory with the state data file. Each state data file should be in its own state sub-directory.
- 3) In the Precision Mapping configuration menu, change all path statements to reflect the new data location (change all paths to "C:\PMAP2W"). Save and exit out of Precision Mapping. The next time you begin Precision Mapping, the program should recognize the new data and location.

IMPORTANT NOTE: After copying all files over, turn OFF the READ-ONLY attributes. If this is not done, the system will not recognize the data.

Under License this data and software should not be used on more than one system per registered copy of Precision Mapping 2.0.

>
> Not ness true, you can load maps to drive by state. They even explain
> how. Example VA is about 17meg.

```

>
> KF4CDO
> rick_o@jericho.com
>
> >
> > - Cheap! wrote:
> > >
> > >      Kent
> > >
> > >      KQ4KK
> >
> > I got this message twice already this morning!. Not many (If any) on the sig
> > have a laptop with a CD-Rom and according to their website that's what it
> > takes to run the version that will work with GPS.
> >
> > --
> > Bill WA8INZ
> > ke4eer@worldnet.att.net
> > ke4eer@amsat.org

```

```

From andylato@prolog.net Fri Jul 05 23:15:36 1996
Received: from ns1.ptd.net (root@ns1.ptd.net [198.80.46.1]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id XAA07175 for <aprssig@tapr.org>; Fri, 5 Jul 1996
23:15:33 -0500 (CDT)
Received: from cs4-02.sun.ptd.net (cs4-02.sun.ptd.net [204.186.12.50]) by
ns1.ptd.net (8.7.3/8.7.3) with SMTP id AAA21331 for <aprssig@tapr.org>; Sat, 6 Jul
1996 00:15:14 -0400 (EDT)
Message-ID: <31DDE85B.5C20@prolog.net>
Date: Sat, 06 Jul 1996 00:15:23 -0400
From: Andy Latovich <andylato@prolog.net>
X-Mailer: Mozilla 2.0 (Win16; I)
MIME-Version: 1.0
To: Aprs Sig <aprssig@tapr.org>
Subject: APRS Sarex: I made it!
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

```

Hi Everyone,

It looks like I got digipeated through the shuttle Friday morning. Here is a clip from the pass, my call is WB3JNZ and the timestamp is EDT and about 21 seconds behind the correct time.

```

-----
W5RRR-1>W2RS [07/05/96 03:54:08] <I S0 R0>:
#1256-is your STS-78 SAREX QSO number.

```

```

W5RRR-1>N8IGJ [07/05/96 03:54:13] <DM>
W5RRR-1>W2RS [07/05/96 03:54:14] <UA>

```

```

WB3JNZ>FN10RS,W5RRR-1* [07/05/96 03:54:19] <UI R>:

```

W5RRR-1>W2RS [07/05/96 03:54:20] <I S0 R0>:
#1256-is your STS-78 SAREX QSO number.

... and again the next pass:

W5RRR-1>N3OWA [07/05/96 05:28:03] <UA>
W5RRR-1>WB4FIN [07/05/96 05:28:04] <I S0 R0>:
#1288-is your STS-78 SAREX QSO number.

W5RRR-1>WB4FIN [07/05/96 05:28:04] <UA>

WB3JNZ>FN10RS,W5RRR-1* [07/05/96 05:28:09] <UI R>:

W5RRR-1>N2UME [07/05/96 05:28:09] <UA>
W5RRR-1>WB4FIN [07/05/96 05:28:12] <I S0 R0>:
#1288-is your STS-78 SAREX QSO number.

I did not copy any other position reports during those two passes. Steve, VA3HOI's message and Bob's Sarex report to the sig confirms they saw my call on the map. Due to lack of time, this was the first pass I was available to make an attempt. This was a manual attempt since the date and time on the XT

class computer I use for packet has a nasty habit of going crazy after running a program a while. This really messes up the APRS timing and I didn't want to control a transmitter with that setup. I used my GPS-20 board to find my latitude and longitude and then APRS to find my grid square. I then set the unproto call to my gridsquare via W5RRR-1 and used the Procomm terminal program to talk to my TNC (a MFJ-1278B). With the proper TNC settings I could enter converse mode and monitor incoming packets. When I got good packets from the shuttle, I just had to hit the return key to send a very short packet. It only took a couple of transmissions to see my digipeated packet! I tried again the next pass and was successful again! I think the very short packets helped a lot. I have TXDELAY set to 250ms and should be able to go lower. I wanted to try a third pass but the lack of sleep caught up with me and even the alarm clock didn't help. I hope to try some more passes when I can.

I use a HTX-202 to a Ramsey 2M amp with internal preamp, giving about 25 watts into a homebrew tin can cavity filter and about 100 ft of very very old RG-8 cable, (got some loss there!), to a KLM-14C antenna. The antenna does not have an elevation rotor or preamp. The old XT will soon be replaced with an old 286 so I can then run APRS without the date/time problem. Since most passes are close to the horizon, lack of elevation does not hurt much. I do notice deep fades when the shuttle is above 30 degrees elevation which is not very often. Due to mountains, I don't receive strong signals until about 10-15 degrees elevation.

I've been reading and enjoying the sig for a few months now and have been pretty quiet. It's been very interesting and informative. I hope to get some time and become more active with APRS soon. Bob, I guess you can add my call to the list of APRS stations trying to digi through the shuttle even though I

am not actually running APRS. I am using the same format as APRS/APRTrak and anyone on the receiving end won't see any difference. I think that should still count me as an APRS station since I would be running it if I didn't have the problem with the XT.

Ok, I guess this first message to the sig is long enough. I hope to show up on your maps again soon!

Andy, WB3JNZ, andylato@prolog.net

From kc8ux@w8dc.ampr.org Sat Jul 06 00:06:46 1996
Received: from w8dc.ampr.org (w8dc.ampr.org [44.102.128.21]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id AAA13431 for <aprssig@tapr.org>; Sat, 6 Jul 1996 00:06:37 -0500 (CDT)
From: kc8ux@w8dc.ampr.org
Date: Sat, 06 Jul 96 01:05:30 EDT
Message-Id: <130122@w8dc.ampr.org>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:2817] Re: _d
In-Reply-To: your message of Fri Jul 05 12:41:56 1996
<31DD6CFE.6045@worldnet.att.net>

>>>I got this message twice already this morning!. Not many (If any) on the sig have a laptop with a CD-Rom and according to their website that's what it takes to run the version that will work with GPS....

No so -- I bought it too, and copyied just my state (michigan) to the HDD of my laptop and am running it with no problems. If you are going to stay within a limited (state) area it works fine.

Ron - KC8UX

From ku0g@sprynet.com Sat Jul 06 06:04:11 1996
Received: from m1.sprynet.com (m1.sprynet.com [165.121.1.97]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id GAA25174 for <aprssig@tapr.org>; Sat, 6 Jul 1996 06:04:09 -0500 (CDT)
From: ku0g@sprynet.com
Received: from [199.174.141.117] (ad14-117.compuserve.com [199.174.141.117]) by m1.sprynet.com (8.6.12/8.6.12) with SMTP id EAA14477 for <aprssig@tapr.org>; Sat, 6 Jul 1996 04:01:57 -0700
Date: Sat, 6 Jul 1996 04:01:57 -0700
Message-Id: <199607061101.EAA14477@m1.sprynet.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Subject: SAREX update...
To: aprssig@tapr.org
X-Mailer: SPRY Mail Version: 04.00.06.21

Three passes went by here with no activity heard overnight.
I listened to the passes at 0700, 0930 and 1100 (approximate times). Never a

peep from Columbia either voice or packet...Has SAREX been shutdown in preparation for landing tomorrow already? Sure seems a shame if it has...

Best 73,
Jim Duncan, KU0G
APRS--Kansas City Coordinator
EMail: ku0g@sprynet.com

From bruninga@nadn.navy.mil Sat Jul 06 07:50:50 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id HAA28323 for <aprssig@tapr.org>; Sat, 6 Jul 1996 07:50:47 -0500 (CDT)
Received: (from bruninga@localhost) by arctic.nadn.navy.mil (8.6.12/8.6.12) id IAA29760; Sat, 6 Jul 1996 08:51:45 -0400
Date: Sat, 6 Jul 1996 08:51:45 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
To: aprssig@tapr.org
Subject: Ultimeters CHANGED
Message-ID: <Pine.SUN.3.91.960706084902.29721A-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I was just informed of a production change in the Ultrimeter 500 and 2000. They have added 8 additional bytes onto the data format and since APRS uses the character count as a validation of the string, these new devices will NOT work with existing versions of APRS!

I will fix it. But if you just got a new ULtrimeter, this may explain why it doesnt work with APRS!

de wb4apr@amsat.org

From bruninga@nadn.navy.mil Sat Jul 06 08:02:56 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id IAA28442 for <aprssig@tapr.org>; Sat, 6 Jul 1996 08:02:54 -0500 (CDT)
Received: (from bruninga@localhost) by arctic.nadn.navy.mil (8.6.12/8.6.12) id JAA29928; Sat, 6 Jul 1996 09:03:54 -0400
Date: Sat, 6 Jul 1996 09:03:54 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
To: aprssig@tapr.org
cc: amsat-bb@amsat.org
Subject: SAREX appreciation and QSL's
In-Reply-To: <9607060350.AA09765@qni.com>
Message-ID: <Pine.SUN.3.91.960706085519.29721D-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 5 Jul 1996 byoung@qni.com wrote:

>
> Thanks to your efforts on our behalf during this shuttle mission
> *AND* are there names and E-Mail addresses of the appropriate
> parties at AMSAT and NASA to also thank?

>
> I'm grateful for the opportunity to try something different. I
> know that 1300+ amateurs will get "official" QSL cards, but I
> don't feel cheated because I only participated in the APRS experiment!

APRS REPLY COMMENT: Please still feel free to submit your contact to the QSL manager for the mission. Worst case, you will still get an SWL QSL card. Best case, I can convince them to add an APRS endorsement on it, or we can make an APRS sticker.

All of these details will be worked out later...

de wb4apr@amsat.org

From 70511.3107@compuserve.com Sat Jul 06 08:58:31 1996

Received: from cs.tamu.edu (clavin.cs.tamu.edu [128.194.130.106]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id IAA00718 for <aprssig@tapr.org>; Sat, 6 Jul 1996 08:58:30 -0500 (CDT)

Received: from vanilla.cs.tamu.edu (2961@vanilla.cs.tamu.edu [128.194.132.220]) by cs.tamu.edu (8.6.10/8.6.4) with ESMTP id IAA14966 for <aprssig@tapr.org>; Sat, 6 Jul 1996 08:58:29 -0500

Received: (gerry@localhost) by vanilla.cs.tamu.edu (8.6.12/8.6.4) id IAA00335 for aprssig@tapr.org; Sat, 6 Jul 1996 08:55:47 -0500

Received: from amsat.org (amsat.org [128.54.16.15]) by cs.tamu.edu (8.6.10/8.6.4) with ESMTP id KAA26727 for <gerry@cs.tamu.edu>; Fri, 5 Jul 1996 10:24:59 -0500

Received: (daemon@localhost) by amsat.org (8.7.5/8.6.9) id FAA09667 for sarex-list; Fri, 5 Jul 1996 05:57:16 -0700 (PDT)

Errors-To: owner-sarex@amsat.org

Sender: gerry@cs.tamu.edu

Precedence: List

Received: from none.at.helo ([149.174.217.132]) by amsat.org (8.7.5/8.6.9) with SMTP id FAA09657 for <sarex@amsat.org>; Fri, 5 Jul 1996 05:57:14 -0700 (PDT)

Received: by arl-img-2.compuserve.com (8.6.10/5.950515)
id IAA28177; Fri, 5 Jul 1996 08:56:07 -0400

Date: 05 Jul 96 08:54:23 EDT

From: Ken Ernandes <70511.3107@compuserve.com>

To: STS TLE List <ststle@spacelink.msfc.nasa.gov>,
cape-canaveral network o <grcc@ams.gsfc.nasa.gov>,
SAREX <sarex@amsat.org>,
Shuttle Vector <shuttle.keps@totrbbs.atl.ga.us>

Subject: STS-78 Rev 239 Orbital Data

Message-ID: <960705125422_70511.3107_IHD94-1@CompuServe.COM>

S T S - 7 8 O R B I T A L D A T A

Below is the current State Vector and Keplerian Elements for STS-78. The vector data comes from NASA; the orbital parameters were computed from the vector. Hourly vector updates are available from NASA GSFC OIG RAID RBBS at (301) 262-6782 or by telnet: oig1.gsfc.nasa.gov (UserID = oig / Password = goddard1).

Vector format = 117

Satellite Name: STS-78
Catalog Number: 23931 96036A
Epoch Date/Time: 96187.50124768518
07/05/1996 12:01:47.799 UTC
EFG E: -18197792 ft
F: 10892982 ft
G: -4950489 ft
Edot: -12600.28 ft/s
Fdot: -14303.70 ft/s
Gdot: 14943.75 ft/s
ndot/2 (drag): 0.00229119077 rev/day^2
nddt/6: 2.18246E-07 rev/day^3
Bstar: 3.24693E-04 1/Earth Radii
Elset #: 51
Rev @ Epoch: 239.94150748196

Launch was 20-JUN-96 / 14:49:00.093

The following Keplerian elements were computed by VEC2TLE from this vector using a 3.3 drag multiplier:

STS-78
1 23931U 96036A 96187.50124769 .00229119 21825-6 32469-3 0 511
2 23931 39.0147 270.0628 0005339 21.2851 317.6573 16.04536451 2399

Satellite: STS-78
Catalog number: 23931
Epoch time: 96187.50124769
Element set: 51
Inclination: 39.0147 deg
RA of node: 270.0628 deg
Eccentricity: 0.0005339
Arg of perigee: 21.2851 deg
Mean anomaly: 317.6573 deg
Mean motion: 16.04536451 rev/day
Decay rate: 2.29119e-03 rev/day^2
Epoch rev: 239
Checksum: 304

VEC2TLE may be downloaded from:
<ftp.amsat.org/amsat/software/PC/util>

Ken Ernandes
n2wwd@amsat.org

From gerry@cs.tamu.edu Sat Jul 06 09:03:38 1996
Received: from cs.tamu.edu (clavin.cs.tamu.edu [128.194.130.106]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id JAA01198 for <aprssig@tapr.org>; Sat, 6 Jul 1996
09:03:36 -0500 (CDT)
Received: from vanilla.cs.tamu.edu (2961@vanilla.cs.tamu.edu [128.194.132.220]) by
cs.tamu.edu (8.6.10/8.6.4) with ESMTP id JAA15040 for <aprssig@tapr.org>; Sat, 6

Jul 1996 09:03:36 -0500

From: Gerald J Creager <gerry@cs.tamu.edu>

Received: (gerry@localhost) by vanilla.cs.tamu.edu (8.6.12/8.6.4) id JAA00352 for aprssig@tapr.org; Sat, 6 Jul 1996 09:00:54 -0500

Message-Id: <199607061400.JAA00352@vanilla.cs.tamu.edu>

Subject: Re: [APRSSIG:2810] Re: 76e map display "bare"

To: aprssig@tapr.org

Date: Sat, 6 Jul 1996 09:00:54 -0500 (CDT)

In-Reply-To: <Pine.SUN.3.91.960705110927.7292A-1000000@arctic> from "Bob Bruninga" at Jul 5, 96 10:27:43 am

X-Mailer: ELM [version 2.4 PL25]

MIME-Version: 1.0

Content-Type: text/plain; charset=US-ASCII

Content-Transfer-Encoding: 7bit

For what it's worth, I experimented with the Radio Shack Disk Cone antenna for SAREX ops and was pleasantly surprised. For an omni of reasonable cost, it's pretty decent, and provides a reasonable pattern for LEO ops. I strongly recommend some additional power, regardless of what you're using. I tend to use 160 watts for most SAREX activities, both voice and packet, for assured success, although I've done OK with 10-35 watts, too... just not as reliably.

One minor advantage I have in this area is that I can catch ascending passes over western Mexico, and not have to compete too much with other stations. One disadvantage I had this mision was, every TNC I own, as well as all my lab owns, were working on cows, airplanes, buses or police cars! Maybe next time I'll have one rededicated to a ham rig?

73, gerry

From gerry@cs.tamu.edu Sat Jul 06 09:09:14 1996

Received: from cs.tamu.edu (clavin.cs.tamu.edu [128.194.130.106]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id JAA01374 for <aprssig@tapr.org>; Sat, 6 Jul 1996 09:09:12 -0500 (CDT)

Received: from vanilla.cs.tamu.edu (2961@vanilla.cs.tamu.edu [128.194.132.220]) by cs.tamu.edu (8.6.10/8.6.4) with ESMTP id JAA15071 for <aprssig@tapr.org>; Sat, 6 Jul 1996 09:09:11 -0500

From: Gerald J Creager <gerry@cs.tamu.edu>

Received: (gerry@localhost) by vanilla.cs.tamu.edu (8.6.12/8.6.4) id JAA00370 for aprssig@tapr.org; Sat, 6 Jul 1996 09:06:30 -0500

Message-Id: <199607061406.JAA00370@vanilla.cs.tamu.edu>

Subject: Re: [APRSSIG:2814] SAREX ?

To: aprssig@tapr.org

Date: Sat, 6 Jul 1996 09:06:29 -0500 (CDT)

In-Reply-To: <1dd3a5a0@acmspgw1.mnet.uswest.com> from "Doug_Wetzel@acs.uswest.com" at Jul 5, 96 11:17:57 am

X-Mailer: ELM [version 2.4 PL25]

MIME-Version: 1.0

Content-Type: text/plain; charset=US-ASCII

Content-Transfer-Encoding: 7bit

Doug_Wetzel@acs.uswest.com sez:

>

> I saw something unexpected on the 1052Z pass this morning - immediately after
> getting the "Success" notification from APRS, Columbia sent a QSO # (which
> because of Windows problems which caused APRS to crash shortly thereafter) which
> included a long string of callsigns - maybe ten or fifteen of them - thereafter.
> Something on this order:
>
> W5RRR-1>QSO# 13XX W1ABC W2DEF W3GHI W4JKL W5MNO W6PQR KC7CO W8STU.....etc.
>
> Since this differs from both the single packet APRS digi and the single QSO
> connection confirmation, can someone explain what I've seen?

What you witnessed was the QSL list which is transmitted periodically so that
SAREX stations on the ground can snag it and route it to JSC for archiving.
The memory on the old, venerable, wheezing HK-21 TNC can store about 600 QSO
numbers. After that, it's a FIFO buffer. We count a lot on folks reporting
honestly that they got a QSO and what number it was. The list is an easy way
to make the QSL cards out early.

There's also a QRZ list, which is a longer version of MHeard. The EPROM on
that HK-21 has been massaged somewhat for special SAREX operation.

Hope this helped.

73, gerry
n5jxs@tamu.edu

From gerry@cs.tamu.edu Sat Jul 06 09:10:08 1996
Received: from cs.tamu.edu (clavin.cs.tamu.edu [128.194.130.106]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id JAA01410 for <aprssig@tapr.org>; Sat, 6 Jul 1996
09:10:07 -0500 (CDT)
Received: from vanilla.cs.tamu.edu (2961@vanilla.cs.tamu.edu [128.194.132.220]) by
cs.tamu.edu (8.6.10/8.6.4) with ESMTP id JAA15086 for <aprssig@tapr.org>; Sat, 6
Jul 1996 09:10:08 -0500
From: Gerald J Creager <gerry@cs.tamu.edu>
Received: (gerry@localhost) by vanilla.cs.tamu.edu (8.6.12/8.6.4) id JAA00384 for
aprssig@tapr.org; Sat, 6 Jul 1996 09:07:28 -0500
Message-Id: <199607061407.JAA00384@vanilla.cs.tamu.edu>
Subject: STS-78 element set #917 (fwd)
To: aprssig@tapr.org
Date: Sat, 6 Jul 1996 09:07:28 -0500 (CDT)
X-Mailer: ELM [version 2.4 PL25]
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

Carman, Gilbert L. sez:

> Date: Fri, 05 Jul 1996 11:56:40 -0500
> Subject: STS-78 element set #917
>
>
>
> STS-78
> 1 23931U 96036A 96186.57136730 .00081451 00000-0 11817-3 0 9174

> 2 23931 39.0143 276.3233 0005419 15.3503 344.7640 16.04299077 2254
>
> Satellite: STS-78
> Catalog number: 23931
> Epoch time: 96186.57136730 = yrday.fracday
> Element set: 917
> Inclination: 39.0143 deg
> RA of node: 276.3233 deg
> Eccentricity: .0005419
> Arg of perigee: 15.3503 deg
> Mean anomaly: 344.7640 deg
> Mean motion: 16.04299077 rev/day
> Decay rate: 8.14507E-04 rev/day^2
> Epoch rev: 225
> Checksum: 309
>
>
> Gil Carman
>
>
>

--

Gerry Creager N5JXS * SAREX Co-Investigator
gerry@cs.tamu.edu * A little radio that lets kids talk
* to astronauts, and smile

From byoung@qni.com Sat Jul 06 09:21:45 1996
Received: from qni.com (root@qni.com [206.29.114.4]) by tapr.org (8.7.5/8.7.3/1.9)
with SMTP id JAA01928 for <aprssig@tapr.org>; Sat, 6 Jul 1996 09:21:44 -0500 (CDT)
From: byoung@qni.com
Received: from 206.29.114.30 (s30.qni.com) by qni.com (5.x/SMI-SVR4)
id AA05226; Sat, 6 Jul 1996 09:22:30 -0500
Date: Sat, 6 Jul 1996 09:22:29 -0500
Message-Id: <9607061422.AA05226@qni.com>
Mime-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Subject: KB0UZQ's infamous overnight APRS/STS-78 contact report...
To: aprssig@tapr.org
X-Mailer: SPRY Mail Version: 04.00.06.17

Fellow APRSs,

Not a sound, voice or data, has been heard from the shuttle here
in Smithville, MO (30 miles north of Kansas City, MO and in the
CDT time zone...) since 0600CDT 05JUL96.

Looks like "The Party's Over"! I assume they'll be packing SAREX
up early today if they haven't already. (On the other hand,
"just in case", my APRS is still "cocked and locked" and will be

till later today! Hope springs eternal!)

Who remembers their Latin? We need to come up with a motto, in Latin of course, that expresses our insane devotion to contacting the shuttle. Submit any ideas to me via E-Mail, and (if I actually get any...) I'll share them with the group in a single posting (to reduce QRM).

Bill Young
byoung@qni.com
KB0UZQ

From rbest@itexas.net Sat Jul 06 09:22:01 1996
Received: from mailhost.itexas.net (mailhost.itexas.net [207.22.198.33]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA01953 for <aprssig@tapr.org>; Sat, 6 Jul 1996 09:22:00 -0500 (CDT)
Received: from rbest.itexas.net ([207.22.198.48]) by mailhost.itexas.net (post.office MTA v1.9.3 ID# 0-12497) with SMTP id AAA141 for <aprssig@tapr.org>; Sat, 6 Jul 1996 09:23:46 -0500
From: rbest@itexas.net (Roy Best)
To: <aprssig@tapr.org>
Subject: Band opening?
Date: Sat, 6 Jul 1996 09:22:26 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1085
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Message-ID: <19960706142345561.AAA141@rbest.itexas.net>

I just got WinAPRS installed! Is it normal to see stations 800 - 1000 miles away or is there a band opening? I'm seeing, among others, VE3NP, KB1DD, N0AN, and N60AA. I'm in Granbury, Tx. which is 35 miles SW of FT. Worth.

Roy Best
N5TAM
rbest@itexas.net

From wbliss@coastside.net Sat Jul 06 09:26:59 1996
Received: from poseidon (www.coastside.net [205.162.38.5]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id JAA02154 for <aprssig@tapr.org>; Sat, 6 Jul 1996 09:26:57 -0500 (CDT)
Received: from LOCALNAME (tsvr1-s9.coastside.com [205.162.38.73]) by poseidon (8.6.11/8.6.12) with SMTP id HAA08490 for <aprssig@tapr.org>; Sat, 6 Jul 1996 07:22:40 -0700
Date: Sat, 6 Jul 1996 07:22:40 -0700
Message-Id: <199607061422.HAA08490@poseidon>
X-Sender: wbliss@mail.coastside.net (Unverified)
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: "William B. Bliss/WB6LPG" <wbliss@coastside.net>
Subject: APRS HELP for N2ERN

ALL APRS, Maryland, New Jersey Chesapeake area.

Received Packet message from Harry/N2ERN@W2LI.NJ.USA.NA as follows:
QUOTE;

Just getting started here with APRS. Three Agrelo DFjr on order. Do you know anyone who might have some maps of central New Jersey? Would appreciate any references to getting started. Tnx, Harry N2ERN..
UNQUOTE..

Hey Joe, with an order for three best help him out. Anyone near this fella, please give him a hand getting started.

Anyone copying our TRANSPAC96, Solo Yacht race to Hawaii. ??? am Uplinking positions daily on HF/10151, Ken/W7KKE is Uplinking the Victoria,BC- to Hawaii boats also. Starting Monday about 60 S/V boats will be on another Transpac LosAngeles to Hawaii, starting Monday. No info if APRS envolved. Info can be found : <http://www.sfbaysss.org/transpac96/> on West coast sailing events and at the : <http://www.wingo.com> .. site.

73's & Enjoy, Bill/WB6LPG
NNNN

WBB/WB6LPG

From KSwaggart@aol.com Sat Jul 06 09:30:43 1996
Received: from emout07.mail.aol.com (emout07.mx.aol.com [198.81.11.22]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id JAA02407 for <aprssig@tapr.org>; Sat, 6 Jul 1996 09:30:41 -0500 (CDT)
From: KSwaggart@aol.com
Received: by emout07.mail.aol.com (8.6.12/8.6.12) id KAA18258 for aprssig@tapr.org; Sat, 6 Jul 1996 10:30:07 -0400
Date: Sat, 6 Jul 1996 10:30:07 -0400
Message-ID: <960706103007_350375636@emout07.mail.aol.com>
To: aprssig@tapr.org
Subject: Revised Hurricane extractor

Hi again,

I inadvertently uploaded my test copy of WXHURR1.* which had canned test filenames. A corrected .zip file named WXHURR2.ZIP has been uploaded to tapr.org.

This program extracts Tropical Depression, Tropical Storm, and Hurricane positions and projected tracks from the National Hurrican Center marine advisories. An APRS backup file is created which can be loaded into APRS and uplinked to the net if desired.

73, Ken, W7KKE

kswaggart@aol.com

From KD4EMI@aol.com Sat Jul 06 09:32:14 1996

Received: from emout08.mail.aol.com (emout08.mx.aol.com [198.81.11.23]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id JAA02449 for <aprssig@tapr.org>; Sat, 6 Jul 1996 09:32:12 -0500 (CDT)

From: KD4EMI@aol.com

Received: by emout08.mail.aol.com (8.6.12/8.6.12) id KAA20922 for aprssig@tapr.org; Sat, 6 Jul 1996 10:32:38 -0400

Date: Sat, 6 Jul 1996 10:32:38 -0400

Message-ID: <960706103237_350376490@emout08.mail.aol.com>

To: aprssig@tapr.org

Subject: Quick question

Whats the latest version of APRS is it 75C ?

There are some guys running 75D or E ? around here...

I looked at TAPR the latest was 75c

Mike

KD4EMI@AOL.COM

From gerry@cs.tamu.edu Sat Jul 06 09:33:12 1996

Received: from cs.tamu.edu (clavin.cs.tamu.edu [128.194.130.106]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id JAA02562 for <aprssig@tapr.org>; Sat, 6 Jul 1996 09:33:09 -0500 (CDT)

Received: from vanilla.cs.tamu.edu (2961@vanilla.cs.tamu.edu [128.194.132.220]) by cs.tamu.edu (8.6.10/8.6.4) with ESMTP id JAA15219 for <aprssig@tapr.org>; Sat, 6 Jul 1996 09:33:09 -0500

From: Gerald J Creager <gerry@cs.tamu.edu>

Received: (gerry@localhost) by vanilla.cs.tamu.edu (8.6.12/8.6.4) id JAA00498 for aprssig@tapr.org; Sat, 6 Jul 1996 09:30:27 -0500

Message-Id: <199607061430.JAA00498@vanilla.cs.tamu.edu>

Subject: Re: [APRSSIG:2817] Re: _^Cd

To: aprssig@tapr.org

Date: Sat, 6 Jul 1996 09:30:27 -0500 (CDT)

In-Reply-To: <31DD6CFE.6045@worldnet.att.net> from "William Nolle" at Jul 5, 96 12:44:37 pm

X-Mailer: ELM [version 2.4 PL25]

MIME-Version: 1.0

Content-Type: text/plain; charset=US-ASCII

Content-Transfer-Encoding: 7bit

William Nolle sez:

>

> - Cheap! wrote:

> >

> > Kent

> >

> > KQ4KK

>

> I got this message twice already this morning!. Not many (If any) on the sig

> have a laptop with a CD-Rom and according to their website that's what it

> takes to run the version that will work with GPS.

Aha. You weren't listening (-) when I noted earlier, re: PM 2.0: for limited statewide coverage, you can move the appropriate files to hard disk, and tell PM 2.0 where it is in the configuration file.

The down side is, the files they are using are not quite as good as De Lorme's files. From what I can tell, De Lorme have worked a deal with individual state Dept's of Transportation for TIGER format updates, which they then (occasionally) integrate into their standard distribution. Several weeks ago, I pointed PM's designers toward the WWW site in Texas for things such as these.

From gerry@cs.tamu.edu Sat Jul 06 09:39:25 1996

Received: from cs.tamu.edu (clavin.cs.tamu.edu [128.194.130.106]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id JAA03114 for <aprssig@tapr.org>; Sat, 6 Jul 1996 09:39:23 -0500 (CDT)

Received: from vanilla.cs.tamu.edu (2961@vanilla.cs.tamu.edu [128.194.132.220]) by cs.tamu.edu (8.6.10/8.6.4) with ESMTP id JAA15313 for <aprssig@tapr.org>; Sat, 6 Jul 1996 09:39:23 -0500

From: Gerald J Creager <gerry@cs.tamu.edu>

Received: (gerry@localhost) by vanilla.cs.tamu.edu (8.6.12/8.6.4) id JAA00541 for aprssig@tapr.org; Sat, 6 Jul 1996 09:36:44 -0500

Message-Id: <199607061436.JAA00541@vanilla.cs.tamu.edu>

Subject: STS-78 element set #919 (05-Jul-96) (fwd)

To: aprssig@tapr.org

Date: Sat, 6 Jul 1996 09:36:43 -0500 (CDT)

X-Mailer: ELM [version 2.4 PL25]

MIME-Version: 1.0

Content-Type: text/plain; charset=US-ASCII

Content-Transfer-Encoding: 7bit

Carman, Gilbert L. sez:

> Date: Fri, 05 Jul 1996 13:25:30 -0500

> Subject: STS-78 element set #919 (05-Jul-96)

>

>

>

> STS-78

> 1 23931U 96036A 96187.69158781 .00088752 00000-0 12713-3 0 9197

> 2 23931 39.0136 268.7820 0005581 26.2942 333.8320 16.04641595 2431

>

> Satellite: STS-78

> Catalog number: 23931

> Epoch time: 96187.69158781 = yrday.fracday

> Element set: 919

> Inclination: 39.0136 deg

> RA of node: 268.7820 deg

> Eccentricity: .0005581

> Arg of perigee: 26.2942 deg

> Mean anomaly: 333.8320 deg

> Mean motion: 16.04641595 rev/day

> Decay rate: 8.87520E-04 rev/day^2

> Epoch rev: 243
> Checksum: 337
>
>
> Gil Carman
>
>
>

--

Gerry Creager N5JXS * SAREX Co-Investigator
gerry@cs.tamu.edu * A little radio that lets kids talk
* to astronauts, and smile

From dwetzel@slkc.uswest.net Sat Jul 06 09:44:24 1996
Received: from slkc1.slk.uswest.net (slkc1.slk.uswest.net [206.81.128.1]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id JAA03275 for <aprssig@tapr.org>; Sat, 6
Jul 1996 09:44:22 -0500 (CDT)
Received: from 70571,3005.compuserve.com (dialup13.slk.uswest.net
[206.81.128.22]) by slkc1.slk.uswest.net (8.6.12/8.6.12) with SMTP id IAA29247
for <aprssig@tapr.org>; Sat, 6 Jul 1996 08:44:20 -0600
Message-ID: <31DE7BC3.7073@slkc.uswest.net>
Date: Sat, 06 Jul 1996 08:44:19 -0600
From: Doug Wetzel <dwetzel@slkc.uswest.net>
X-Mailer: Mozilla 2.01 (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: SAREX
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Nothing from Columbia at 060912Z or 061045Z. I assumed they have
secured the station for landing and went back to sleep -

Doug
KC7CO
Radio Free Utah

From pat.kilroy@gsfc.nasa.gov Sat Jul 06 09:46:58 1996
Received: from cs.tamu.edu (clavin.cs.tamu.edu [128.194.130.106]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id JAA03362 for <aprssig@tapr.org>; Sat, 6 Jul 1996
09:46:51 -0500 (CDT)
Received: from vanilla.cs.tamu.edu (2961@vanilla.cs.tamu.edu [128.194.132.220]) by
cs.tamu.edu (8.6.10/8.6.4) with ESMTP id JAA15425 for <aprssig@tapr.org>; Sat, 6
Jul 1996 09:46:51 -0500
Received: (gerry@localhost) by vanilla.cs.tamu.edu (8.6.12/8.6.4) id JAA00605 for
aprssig@tapr.org; Sat, 6 Jul 1996 09:44:12 -0500
Received: from amsat.org (amsat.org [128.54.16.15]) by cs.tamu.edu (8.6.10/8.6.4)
with ESMTP id PAA06316 for <gerry@cs.tamu.edu>; Fri, 5 Jul 1996 15:24:39 -0500
Received: from none.at.helo (popa-f.gsfc.nasa.gov [128.183.251.163]) by amsat.org
(8.7.5/8.6.9) with SMTP id NAA12082; Fri, 5 Jul 1996 13:23:05 -0700 (PDT)

Received: from [128.183.24.111] (nppo.gsfc.nasa.gov [128.183.24.111]) by popa.gsfc.nasa.gov (8.6.11/8.6.12) with SMTP id QAA10654; Fri, 5 Jul 1996 16:22:31 -0400

X-Sender: pkilroy@pop300.gsfc.nasa.gov

Message-Id: <v02130508ae03279587f6@[128.183.24.111]>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Date: Fri, 5 Jul 1996 16:23:01 -0400

To: tca712@rs710.gsfc.nasa.gov, pmountjo@hr.hq.nasa.gov, wd0hhu@amsat.org, rwhite@arrl.org, rinderbi@arrl.org, gswanson@arrl.org, ead@arrl.org, mike@techimage.com, retrans@garc.gsfc.nasa.gov, sarex@wa3nan.gsfc.nasa.gov, w3xo@amsat.org, k6due@amsat.org, n5jxs@amsat.org, w5gel@amsat.org, gratclif@itd.adelaide.edu.au, py2bjo@amsat.org, kd2bd@amsat.org, w5did@amsat.org, mbordel@gp803.jsc.nasa.gov, mbordel@phoenix.net, gilbert.carman@jsc.nasa.gov, amsat@uctvms.uct.ac.za, jmaynard@oac.hsc.uth.tmc.edu, 71331.1337@compuserve.com, 70323.2750@compuserve.com, 70115.1136@compuserve.com, mindy.deyarmin@ccmail.gsfc.nasa.gov, ckeydash@eos.hitc.com, jplbbs@kilroy.jpl.nasa.gov, shines@tenet.edu, ai@iol.ie, KD8PW@aol.com, fgibes@aol.com

From: pat.kilroy@gsfc.nasa.gov (Pat Kilroy)

Subject: \$STS-78.027 SAREX Bulletin #27

Sender: gerry@cs.tamu.edu

SB SAREX @ AMSAT \$STS-78.027

STS-78 SAREX Bulletin #27

Silver Spring, Maryland USA

July 5, 1996 @ 16:00 UTC

As the Life and Microgravity Sciences mission draws to a close over this weekend, SAREX on STS-78 will be remembered by many amateur radio experimenters and students for years to come.

Education scored outstanding achievements on three continents. The scheduled SAREX contacts were 100% successful with the eleven school groups across Australia, France, Canada and the USA. The students' interest in space, math, science and technology were sparked through their contact preparation, as well as by the answers to their combined total of 116 questions posed to six Columbia crew members. Amateur radio and the schools enjoyed substantial news media exposure with multiple television crews and several newspapers visiting nearly every contact site.

Hundreds of random voice contacts were established with hams worldwide, with the number still climbing. Signal strength and gravity-gradient propagation observations are being shared freely among experimenters both on-the-air and through the Internet mail list sarex@amsat.org. New list members are added frequently by e-mailing their request to Paul Williamson at listserv@amsat.org.

Crew members are heard using their personal call signs and often

honor their Johnson Space Center Amateur Radio Club by using W5RRR.
At times, the simple phrase "Space Shuttle Columbia" has given
away the voice from space.

The packet radio robot beacons messages of greetings to the world, as
updated occasionally by various members of the crew. The normally
tireless W5RRR-1 has not been active during crew sleep periods during
this mission, yet the packet QSO count was above 1300 in number this
morning and climbing.

The SAREX equipment will be stowed by about 24 hours before landing.
However, many in North America will enjoy early morning sighting
opportunities depending on one's local lighting conditions.

Landing is scheduled for Sunday, July 7, 1996 at about 12:30 UTC.

Here is the latest Keplerian element set from Gil Carman, WA5NOM, of
the NASA/Johnson Space Center:

STS-78

```
1 23931U 96036A 96187.69158781 .00088752 00000-0 12713-3 0 9197
2 23931 39.0136 268.7820 0005581 26.2942 333.8320 16.04641595 2431
```

Satellite: STS-78

Catalog number: 23931

Epoch time: 96187.69158781 = yrday.fracday

Element set: 919

Inclination: 39.0136 deg

RA of node: 268.7820 deg

Eccentricity: .0005581

Arg of perigee: 26.2942 deg

Mean anomaly: 333.8320 deg

Mean motion: 16.04641595 rev/day

Decay rate: 8.87520E-04 rev/day^2

Epoch rev: 243

Checksum: 337

According to Gil, this set will be good through today and until the
trim burn on Saturday morning. That burn will be at approximately
1300 UTC, and will lower the altitude by about 5 n.mi., resulting in
the orbiter appearing slightly earlier than these elements predict.
A Detailed Test Objective (DTO) will raise the orbit by a mile or
less and is not expected to further alter one's predictions
significantly.

Submitted by (Pat Kilroy, WD8LAQ for) Frank H. Bauer, KA3HDO for the
SAREX Working Group

/EX

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Patrick L. Kilroy Phone: 301-286-5910
TRMM Project Parts Engineer Fax: 301-286-1695
NASA/Goddard Space Flight Center E-mail: pat.kilroy@gsfc.nasa.gov
Building 6, Code 311 WWW URL: http://epims1.gsfc.nasa.gov/
Greenbelt, Maryland 20771 people/pat_kilroy.html
=====

..

From pat.kilroy@gsfc.nasa.gov Sat Jul 06 09:51:59 1996
Received: from cs.tamu.edu (clavin.cs.tamu.edu [128.194.130.106]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id JAA03904 for <aprssig@tapr.org>; Sat, 6 Jul 1996
09:51:57 -0500 (CDT)
Received: from vanilla.cs.tamu.edu (2961@vanilla.cs.tamu.edu [128.194.132.220]) by
cs.tamu.edu (8.6.10/8.6.4) with ESMTP id JAA15497 for <aprssig@tapr.org>; Sat, 6
Jul 1996 09:51:58 -0500
Received: (gerry@localhost) by vanilla.cs.tamu.edu (8.6.12/8.6.4) id JAA00642 for
aprssig@tapr.org; Sat, 6 Jul 1996 09:49:18 -0500
Received: from amsat.org (amsat.org [128.54.16.15]) by cs.tamu.edu (8.6.10/8.6.4)
with ESMTP id QAA06877 for <gerry@cs.tamu.edu>; Fri, 5 Jul 1996 16:01:22 -0500
Received: from none.at.helo (popa-f.gsfc.nasa.gov [128.183.251.163]) by amsat.org
(8.7.5/8.6.9) with SMTP id NAA12297; Fri, 5 Jul 1996 13:55:58 -0700 (PDT)
Received: from [128.183.24.111] (nppo.gsfc.nasa.gov [128.183.24.111]) by
popa.gsfc.nasa.gov (8.6.11/8.6.12) with SMTP id QAA10968; Fri, 5 Jul 1996 16:55:44
-0400
X-Sender: pkilroy@pop300.gsfc.nasa.gov
Message-Id: <v02130511ae033122c579@[128.183.24.111]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Fri, 5 Jul 1996 16:55:50 -0400
To: tca712@rs710.gsfc.nasa.gov, pmountjo@hr.hq.nasa.gov, wd0hhu@amsat.org,
rwhite@arrrl.org, rinderbi@arrrl.org, gswanson@arrrl.org, ead@arrrl.org,
mike@techimage.com, retrans@garc.gsfc.nasa.gov,
sarex@wa3nan.gsfc.nasa.gov, w3xo@amsat.org, k6due@amsat.org,
n5jxs@amsat.org, w5gel@amsat.org, gratclif@itd.adelaide.edu.au,
py2bjo@amsat.org, kd2bd@amsat.org, w5did@amsat.org,
mbordel@gp803.jsc.nasa.gov, mbordel@phoenix.net,
gilbert.carman@jsc.nasa.gov, amsat@uctvms.uct.ac.za,
jmaynard@oac.hsc.uth.tmc.edu, 71331.1337@compuserve.com,
70323.2750@compuserve.com, 70115.1136@compuserve.com,
mindy.deyarmin@ccmail.gsfc.nasa.gov, ckeydash@eos.hitc.com,
jplbbs@kilroy.jpl.nasa.gov, shines@tenet.edu, ai@iol.ie, KD8PW@aol.com,
fgibes@aol.com
From: pat.kilroy@gsfc.nasa.gov (Pat Kilroy)
Subject: STS-78.032 SAREX Bulletin #32 KSC Entry
Sender: gerry@cs.tamu.edu

SB SAREX @ AMSAT \$STS-78.032
STS-78 SAREX Bulletin #32

Silver Spring, Maryland USA

July 5, 1996 @ 20:00 UTC

Here is special information on space shuttle Columbia visual and audio opportunities during reentry for those in the west, southwest and south USA as provided by Gil Carman in Houston following this Post Trim 2 element set. Note that this set is to be used *after* July 6 13:34 UTC and before July 7 11:24 UTC.

STS-78

1 23931U 96036A 96188.56273114 .00088752 00000-0 12713-3 0 9204
2 23931 39.0137 262.9147 0008808 117.6576 242.5299 16.07065411 2579

Satellite: STS-78

Catalog number: 23931

Epoch time: 96188.56273114 = yrday.fracday

Element set: 920

Inclination: 39.0137 deg

RA of node: 262.9147 deg

Eccentricity: .0008808

Arg of perigee: 117.6576 deg

Mean anomaly: 242.5299 deg

Mean motion: 16.07065411 rev/day

Decay rate: 8.87520E-04 rev/day^2

Epoch rev: 257

Checksum: 332

Launch: 20-Jun-1996 14:49:00.000 UTC

STS-78 KSC Entry (landing on orbit 272) 7-Jul-1996 Notes at end.

	CITY	TIME	ELEV		AZ	ELSUN	BOOM
1.	San Francisco, CA	12:14:35 UTC	42.6	N	(5.1)	-6.7	5:43
2.	Sunnyvale, CA	12:14:40 UTC	30.4	N	(3.3)	-6.6	7:34
3.	Sacramento, CA	12:14:45 UTC	76.2	S	(180.0)	-5.6	4:00
4.	Pine Grove, CA	12:15:01 UTC	78.2	N	(.0)	-5.0	3:54
5.	Bakersfield, CA	12:15:23 UTC	11.5	N	(7.4)	-5.7	17:17
6.	Fresno, CA	12:15:11 UTC	22.2	N	(6.8)	-5.4	9:55
7.	Los Angeles, CA	12:15:37 UTC	7.0	N	(7.7)	-5.8	24:27
8.	Diamond Bar, CA	12:15:43 UTC	6.9	N	(8.5)	-5.6	24:34
9.	Las Vegas, NV	12:16:14 UTC	22.0	N	(11.2)	-2.4	9:45
10.	St. George, UT	12:16:32 UTC	60.6	N	(9.5)	-.9	4:14
11.	Cedar City, UT	12:16:37 UTC	62.2	S	(190.2)	-.2	4:09
12.	Parowan, UT	12:16:39 UTC	49.2	SSW	(192.5)	.1	4:50
13.	Beaver, UT	12:16:39 UTC	33.0	SSW	(194.1)	.4	6:41
14.	Panguitch, UT	12:16:44 UTC	46.2	SSW	(197.0)	.3	5:03
15.	Fillmore, UT	12:16:40 UTC	19.2	SSW	(195.5)	.9	10:48
16.	Salt Lake City, UT	12:16:38 UTC	8.2	SSW	(194.8)	2.1	21:28
17.	Nephi, UT	12:16:43 UTC	12.3	SSW	(195.4)	1.7	15:41
18.	Farmington, NM	12:17:46 UTC	51.2	SSW	(199.3)	3.0	4:38
19.	Durango, CO	12:17:47 UTC	28.2	SSW	(199.9)	3.5	7:26
20.	Socorro, NM	12:18:20 UTC	19.0	NNE	(20.2)	2.9	10:28
21.	Albuquerque, NM	12:18:21 UTC	40.4	NNE	(22.0)	3.6	5:24

22.	Santa Fe, NM	12:18:23 UTC	76.0	SSW	(200.5)	4.3	3:37
23.	Denver, CO	12:18:08 UTC	6.0	SSW	(202.8)	6.6	25:22
24.	Tucumcari, NM	12:18:57 UTC	59.0	SSW	(204.8)	5.8	4:07
25.	Amarillo, TX	12:19:25 UTC	30.4	SSW	(203.3)	7.3	6:47
26.	Clinton, OK	12:20:04 UTC	14.0	SSW	(204.3)	9.7	13:11
27.	Wichita Falls, TX	12:20:25 UTC	34.9	SSW	(203.5)	9.6	5:50
28.	Bertram, TX	12:20:55 UTC	14.1	NNE	(17.9)	8.9	12:36
29.	Oklahoma City, OK	12:20:28 UTC	11.2	SSW	(204.0)	10.9	15:34
30.	Fort Worth, TX	12:20:54 UTC	85.6	S	(180.0)	10.2	3:18
31.	Gainesville, TX	12:20:50 UTC	30.1	SSW	(202.2)	10.6	6:30
32.	Denton, TX	12:20:54 UTC	44.7	SSW	(198.7)	10.5	4:40
33.	Winfield, KS	12:20:19 UTC	5.3	SSW	(205.7)	11.9	26:13
34.	College Stn, TX	12:21:24 UTC	17.1	NNE	(16.5)	10.3	10:28
35.	Dallas, TX	12:21:15 UTC	81.4	NNE	(31.8)	10.9	3:17
36.	Tulsa, OK	12:20:46 UTC	6.9	SSW	(204.2)	12.3	22:00
37.	Paris, TX	12:21:15 UTC	20.5	SSW	(201.6)	11.8	8:58
38.	Tyler, TX	12:21:32 UTC	64.3	SSW	(199.3)	11.7	3:32
39.	Friendswood, TX	12:21:50 UTC	11.2	NNE	(14.1)	10.9	14:40
40.	JSC	12:21:52 UTC	11.5	NNE	(14.5)	11.0	14:19
41.	Shreveport, LA	12:22:00 UTC	32.3	SSW	(197.4)	13.1	5:46
42.	Ringgold, LA	12:22:10 UTC	34.2	SSW	(198.7)	13.5	5:26
43.	Jonesboro, LA	12:22:22 UTC	32.3	SSW	(197.2)	13.9	5:38
44.	Winnfield, LA	12:22:26 UTC	44.8	SSW	(197.9)	13.9	4:17
45.	Columbia, LA	12:22:37 UTC	31.7	SSW	(193.8)	14.5	5:38
46.	Baton Rouge, LA	12:23:07 UTC	36.9	N	(9.7)	14.8	4:49
47.	New Orleans, LA	12:23:34 UTC	25.7	N	(8.1)	15.6	6:28
48.	Birmingham, AL	12:24:56 UTC	7.6	S	(183.3)	19.6	16:45

Notes: These times and elevations are at the point of closest approach (peak elevation) for each city. ELSUN is the Sun's elevation for that city at that time. BOOM is the estimated length of time (MIN:SEC) after closest approach when the sonic boom may be heard. However, it is unlikely that the boom can be heard if peak elevation is less than about 20 deg. The fireball and plasma trail should be visible in twilight over northern California and southwestern Utah, but will not be visible east of Utah because it will be in daylight then.

Gil Carman, WA5NOM

Submitted by (Pat Kilroy, WD8LAQ for) Frank H. Bauer, KA3HDO for the SAREX Working Group

/EX

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 Patrick L. Kilroy Phone: 301-286-5910
 TRMM Project Parts Engineer Fax: 301-286-1695
 NASA/Goddard Space Flight Center E-mail: pat.kilroy@gsfc.nasa.gov

Building 6, Code 311
Greenbelt, Maryland 20771

WWW URL: [http://epims1.gsfc.nasa.gov/
people/pat_kilroy.html](http://epims1.gsfc.nasa.gov/people/pat_kilroy.html)

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From KD4EMI@aol.com Sat Jul 06 09:53:33 1996
Received: from emout10.mail.aol.com (emout10.mx.aol.com [198.81.11.25]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id JAA03977 for <aprssig@tapr.org>; Sat, 6
Jul 1996 09:53:31 -0500 (CDT)
From: KD4EMI@aol.com
Received: by emout10.mail.aol.com (8.6.12/8.6.12) id KAA11704 for
aprssig@tapr.org; Sat, 6 Jul 1996 10:53:50 -0400
Date: Sat, 6 Jul 1996 10:53:50 -0400
Message-ID: <960706105349_350390054@emout10.mail.aol.com>
To: aprssig@tapr.org
Subject: OOPS

Nevermind...I found 76D in the upload section...

I was looking in the regular file section...

Thanks

Mike

KD4EMI@AOL.COM

From dwetzel@slkc.uswest.net Sat Jul 06 09:55:30 1996
Received: from slkc1.slk.uswest.net (slkc1.slk.uswest.net [206.81.128.1]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id JAA04091 for <aprssig@tapr.org>; Sat, 6
Jul 1996 09:55:28 -0500 (CDT)
Received: from 70571,3005.compuserve.com (dialup13.slk.uswest.net
[206.81.128.22]) by slkc1.slk.uswest.net (8.6.12/8.6.12) with SMTP id IAA29310
for <aprssig@tapr.org>; Sat, 6 Jul 1996 08:55:27 -0600
Message-ID: <31DE7E5D.7315@slkc.uswest.net>
Date: Sat, 06 Jul 1996 08:55:25 -0600
From: Doug Wetzel <dwetzel@slkc.uswest.net>
X-Mailer: Mozilla 2.01 (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:2837] Re: SAREX ?
References: <199607061406.JAA00370@vanilla.cs.tamu.edu>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

> What you witnessed was the QSL list which is transmitted periodically so that
> SAREX stations on the ground can snag it and route it to JSC for archiving.
>
> 73, gerry
> n5jxs@tamu.edu

Thanks, Gerry - that may be the only surviving documentation of my

digi'd packet. Murphy was definitely here that morning, as five minutes after the pass ended (AND before I had time to save the log) APRS locked up when a completely malevolent DOS program was started by the Win95 task scheduler. Naturally, it being 4 am, I wasn't coherent enough to write down the qso number from the screen either (it had minimized when the other program started).

It sure was a fun experiment, though. After reading your comments about uplink power, I realize that my 10 watts and very small beam were just about the absolute minimum required to do the job!

Clearly, there were a lot of sleepless nights for folks on the sig - and I have to say, IT WAS WORTH EVERY SECOND OF IT! Can't wait for the next APRS-permitted mission!

73 to all
Doug
KC7CO
Radio Free Utah

From gerry@cs.tamu.edu Sat Jul 06 10:10:45 1996
Received: from cs.tamu.edu (clavin.cs.tamu.edu [128.194.130.106]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id KAA05341 for <aprssig@tapr.org>; Sat, 6 Jul 1996 10:10:41 -0500 (CDT)
Received: from vanilla.cs.tamu.edu (2961@vanilla.cs.tamu.edu [128.194.132.220]) by cs.tamu.edu (8.6.10/8.6.4) with ESMTP id KAA15986 for <aprssig@tapr.org>; Sat, 6 Jul 1996 10:10:40 -0500
From: Gerald J Creager <gerry@cs.tamu.edu>
Received: (gerry@localhost) by vanilla.cs.tamu.edu (8.6.12/8.6.4) id KAA00715 for aprssig@tapr.org; Sat, 6 Jul 1996 10:07:59 -0500
Message-Id: <199607061507.KAA00715@vanilla.cs.tamu.edu>
Subject: Re: [APRSSIG:2825] Re: _^Cd
To: aprssig@tapr.org
Date: Sat, 6 Jul 1996 10:07:58 -0500 (CDT)
In-Reply-To: <199607060031.UAA16010@smtp1.erols.com> from "Kent V Hufford" at Jul 5, 96 07:43:14 pm
X-Mailer: ELM [version 2.4 PL25]
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

Regards the Developers kit for PM 2.0: I have it and have made small steps toward getting calls off the TNC for multiple vehicle tracking. MY initial work is multi-phase: Work R&D related as well as ham implementation, but with NO support for decoding wx or other special APRS "stuff" that will take significant time. Vehicle tracking is what I have to concentrate on. I'll advise when I have some code to share, but I can't say when

For what it's worth, APRS will receive a prominent mention at the GIS/LIS '96 meeting in Denver, Nov 17-21: Cows In Space will be presented there at our first major (and second real) meeting. APRS with Bob's modification to allow continuous NMEA logging was instrumental in capturing data.

This, and a set of new projects, plus promotion to a senior researcher, are really clamping down on my hobby development time!

73, gerry

From jleonard@tbcnet.com Sat Jul 06 10:18:47 1996
Received: from tbc1.tbcnet.com (root@tbc1.tbcnet.com [207.112.224.11]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA06039 for <aprssig@tapr.org>; Sat, 6 Jul 1996 10:18:44 -0500 (CDT)
Received: from ts243.tbcnet.com (ts243.tbcnet.com [207.112.227.43]) by tbc1.tbcnet.com (8.7.4/8.7.3) with SMTP id KAA16168 for <aprssig@tapr.org>; Sat, 6 Jul 1996 10:18:45 -0500
X-Authentication-Warning: tbc1.tbcnet.com: Host ts243.tbcnet.com [207.112.227.43] didn't use HELO protocol
Message-Id: <1.5.4.32.19960706151842.006b2988@tbcnet.com>
X-Sender: jleonard@tbcnet.com
X-Mailer: Windows Eudora Light Version 1.5.4 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sat, 06 Jul 1996 10:18:42 -0500
To: aprssig@tapr.org
From: "John B. Leonard, Jr" <jleonard@tbcnet.com>
Subject: Re: [APRSSIG:2840] Band opening?

I just hooked VE3NP and N0AN and saw they were both going GATE, WIDE.
So perhaps you were seeing them via HF

jbl

At 09:32 7/6/96 -0500, you wrote:
>I just got WinAPRS installed! Is it normal to see stations 800 - 1000
>miles away or is there a band opening? I'm seeing, among others,
 VE3NP,
>KB1DD, N0AN, and N60AA. I'm in Granbury, Tx. which is 35 miles SW of FT.
>Worth.
>
>Roy Bost
>N5TAM
>rbost@itexas.net
>

J Barry Leonard/N9VJQ
DeKalb IL
E-MAIL: jleonard@tbcnet.com
WWW Home Page <http://tbcnet.com/~jleonard/leonard.htm>

From gerry@cs.tamu.edu Sat Jul 06 10:53:52 1996
Received: from cs.tamu.edu (clavin.cs.tamu.edu [128.194.130.106]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id KAA09042 for <aprssig@tapr.org>; Sat, 6 Jul 1996 10:53:50 -0500 (CDT)

Received: from vanilla.cs.tamu.edu (2961@vanilla.cs.tamu.edu [128.194.132.220]) by cs.tamu.edu (8.6.10/8.6.4) with ESMTP id KAA16423 for <aprssig@tapr.org>; Sat, 6 Jul 1996 10:53:50 -0500

From: Gerald J Creager <gerry@cs.tamu.edu>

Received: (gerry@localhost) by vanilla.cs.tamu.edu (8.6.12/8.6.4) id KAA01061 for aprssig@tapr.org; Sat, 6 Jul 1996 10:51:11 -0500

Message-Id: <199607061551.KAA01061@vanilla.cs.tamu.edu>

Subject: STS-78 element set JSC-920 (06-Jul-96) (fwd)

To: aprssig@tapr.org

Date: Sat, 6 Jul 1996 10:51:10 -0500 (CDT)

X-Mailer: ELM [version 2.4 PL25]

MIME-Version: 1.0

Content-Type: text/plain; charset=US-ASCII

Content-Transfer-Encoding: 7bit

Carman, Gilbert L. sez:

> Date: Sat, 06 Jul 1996 10:20:27 -0500

> Subject: STS-78 element set JSC-920 (06-Jul-96)

>

>

>

> STS-78

> 1 23931U 96036A 96188.56273114 .00088752 00000-0 12713-3 0 9204

> 2 23931 39.0137 262.9147 0008808 117.6576 242.5299 16.07065411 2579

>

> Satellite: STS-78

> Catalog number: 23931

> Epoch time: 96188.56273114 = yrday.fracday

> Element set: 920

> Inclination: 39.0137 deg

> RA of node: 262.9147 deg

> Eccentricity: .0008808

> Arg of perigee: 117.6576 deg

> Mean anomaly: 242.5299 deg

> Mean motion: 16.07065411 rev/day

> Decay rate: 8.87520E-04 rev/day^2

> Epoch rev: 257

> Checksum: 332

>

>

> Gil Carman

>

>

>

--

Gerry Creager N5JXS

gerry@cs.tamu.edu

* SAREX Co-Investigator

* A little radio that lets kids talk

* to astronauts, and smile

From wbliss@coastside.net Sat Jul 06 11:37:56 1996

Received: from poseidon (www.coastside.net [205.162.38.5]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id LAA12088 for <aprssig@tapr.org>; Sat, 6 Jul 1996
11:37:53 -0500 (CDT)
Received: from LOCALNAME ([205.162.38.77]) by poseidon (8.6.11/8.6.12) with SMTP
id JAA09073 for <aprssig@tapr.org>; Sat, 6 Jul 1996 09:33:35 -0700
Date: Sat, 6 Jul 1996 09:33:35 -0700
Message-Id: <199607061633.JAA09073@poseidon>
X-Sender: wbliss@mail.coastside.net (Unverified)
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: "William B. Bliss/WB6LPG" <wbliss@coastside.net>
Subject: GPS+GLONASS

ALL APRS SIG'ers... GPS/GLONASS INFO.. 061600GMT JUL 96

Very interesting and informative 7 page article in the May/June issue
of Marine Electronics (the official journal of the NMEA), p29.

Explains and describes the technical, electronic features of both GPS
and the Soviet GLONASS systems, Integrity, Accuracy, How both work, Basic
Idea, Satellite Ranging, Signal Structure, PRN codes, Frequency, Almanacs,
EPHEMERIDES, (whatever that big word means) and much more.

The Ashtech GG24 Receiver, (only one copying both GPS/GLONASS) in one
receiver and available in two different formats: 1. OEM Board, Eurocard
Format, 2. Sensor, with power supply and internal PCMCIA memoray card.

(Ashtech in Sunnyvale CA. no address, Phone 408-524-1400), no prices listed
I called and asked for brochure/price.. Reported to be very accurate 1-5meters
copying 12 stallites from each, both GPS & GLONASS now in obit and operational.
GPS FEQS- 1575.42MHz/1227.60, GLONASS on 1602+Kx0.5625 MHz, Ke[-7,24] and
1246+Kx0.4375 MHz, Ke[-7,24] whatever that means. Hi..

Those intgerested might also call NMEA for reprint of article 919-638-2626,
FAX 919-638-4885, will probable be charged.

Also a two page article on Leica GPS Division, who acquired Magnavox
GPS systems, may be possible for tech support to those on sig who acquired
the Magnavox MX4200 GPS Receivers, reciently from surplus. Call Scott Lee,
Leica GPS, 23868 Hawthorne Blvd, Torrance, CA. 90505. Phone 310-791-5300,
FAX 310-791-6108..

"Disclamier.. I am in no way connected or associated nor do I receiver
monitary benefits from any of the above named enteprises. This info for
benifit of my fellow sig members.."" No flames, no more questions please.

73's & Enjoy, Bill/WB6LPG @ KA6EYH <wbliss@coastside.net>

See "http://www.sfbaysss.org/transpac96/" for Yachting info on Pacific
ocean and west coast. Uplinking posits on APRS via HF/10151 an additional
Vancouver,BC to Hawaii race at this time and Mon 7/8 the LAX/SDiego 60 boat

Transpac Race to Hawaii begins, unknow if any APRS envolment. Why not APRS'rs in S-Calif. ?????

NNNN
WBB/WB6LPG

From bruninga@nadn.navy.mil Sat Jul 06 11:48:40 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id LAA12597 for <aprssig@tapr.org>; Sat, 6 Jul 1996 11:48:39 -0500 (CDT)
Received: (from bruninga@localhost) by arctic.nadn.navy.mil (8.6.12/8.6.12) id MAA02861; Sat, 6 Jul 1996 12:49:37 -0400
Date: Sat, 6 Jul 1996 12:49:37 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:2843] Quick question
In-Reply-To: <960706103237_350376490@emout08.mail.aol.com>
Message-ID: <Pine.SUN.3.91.960706124835.2577C-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 6 Jul 1996 KD4EMI@aol.com wrote:

> Whats the latest version of APRS is it 75C ?
> There are some guys running 75D or E ? around here...

APRSDOS REPLY COMMENT: If you care to wait a week, 76f will be out...
76d is still the last full version tho 76e was put out EXE only for SAREX.

de wb4apr@amsat.org

From w5rkn@amsat.org Sat Jul 06 13:30:11 1996
Received: from zoom.bga.com (zoom.realtime.net [205.238.128.40]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id NAA17045 for <aprssig@tapr.org>; Sat, 6 Jul 1996 13:30:10 -0500 (CDT)
Received: from [204.251.33.15] (jake-4o.ip.realtime.net [204.251.33.15]) by zoom.bga.com (8.6.12/8.6.12) with SMTP id NAA18687; Sat, 6 Jul 1996 13:29:51 -0500
X-Sender: rparsons@mailserv.bga.com
Message-Id: <v02140b00ae045fd2ff0d@[204.251.33.23]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sat, 6 Jul 1996 13:29:37 -0500
To: aprssig@tapr.org
From: w5rkn@amsat.org (Ronald G. Parsons)
Subject: Shuttle Ionization APRS reception

Tomorrow morning, as the Shuttle reenters, the ionization trail should provide a reflector for VHF packet APRS posits. Watch your maps during the following times:

Event	Time	UTC	EDT	CDT	MDT	MST/PDT*
Arrives over West Coast	12:14		8:14	7:14	6:14	5:14

Enters Nevada	12:15	8:15	7:15	6:15	5:15
Overflies "Four Corners"	12:17	8:17	7:17	6:17	5:17
Overflies Dallas, TX	12:21	8:21	7:21	6:21	5:21
Overflies Mississippi Coast	12:24	8:24	7:24	6:24	5:24
KSC Touch down	12:37	8:37	7:37	6:37	5:37

Perhaps we could get local GATES to observe radio silence during that time.

Ron W5RKN

also:
rparsons@bga.com

From weather@xnet.com Sat Jul 06 13:34:28 1996
Received: from flood.xnet.com (flood.xnet.com [198.147.221.35]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id NAA17389 for <aprssig@tapr.org>; Sat, 6 Jul 1996 13:34:26 -0500 (CDT)
Received: from weather.xnet.com by flood.xnet.com (8.7.5/XNet-1.4R) with SMTP id NAA29395 for <aprssig@tapr.org>; Sat, 6 Jul 1996 13:34:17 -0500 (CDT)
Date: Sat, 6 Jul 1996 13:34:17 -0500 (CDT)
Message-Id: <199607061834.NAA29395@flood.xnet.com>
X-Sender: weather@quake.xnet.com
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: Ron Malinowski <weather@xnet.com>
Subject: Re: [APRSSIG:2833] Ultimeters CHANGED

At 07:59 AM 7/6/96 -0500, you wrote:

>I was just informed of a production change in the Ultimeter 500 and
>2000. They have added 8 additional bytes onto the data format and since
>APRS uses the character count as a validation of the string, these new
>devices will NOT work with existing versions of APRS!
>
>I will fix it. But if you just got a new ULtimeter, this may explain
>why it doesnt work with APRS!

Hi Bob, what is new, mine was purchased at Dayton, I believe mine works alright with Dos and Mac versions, but I am curious does these new units do something more with these 8 bytes, anything we users should be concerned about?

From jagrelo@cris.com Sat Jul 06 14:02:01 1996
Received: from franklin.cris.com (franklin.cris.com [199.3.12.31]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id OAA18309 for <aprssig@tapr.org>; Sat, 6 Jul 1996

14:02:00 -0500 (CDT)
Received: from darius.cris.com (darius [199.3.12.32])
by franklin.cris.com (8.7.5/(96/06/11 2.45))
id PAA28966; Sat, 6 Jul 1996 15:01:52 -0400 (EDT)
[1-800-745-2747 The Concentric Network]
Errors-To: jagrelo@cris.com
Received: from crc3.pop3.net (cnc059035.concentric.net [206.83.77.35])
by darius.cris.com (8.7.3)
id PAA14734; Sat, 6 Jul 1996 15:01:50 -0400 (EDT)
Message-ID: <31DEE34F.38F8@concentric.net>
Date: Sat, 06 Jul 1996 15:06:07 -0700
From: Joseph Agrelo <jagrelo@cris.com>
Organization: Agrelo Engineering
X-Mailer: Mozilla 2.01 (Win95; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:2736] Re: DFjr Card
References: <31DB0512.2BE1@worldnet.att.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

William Nolle wrote:

> that Hi. Is everything else correct?..
>
> --
> Bill WA8INZ
> ke4eer@worldnet.att.net
> ke4eer@amsat.org

Looks ok to me.

73 De Joe N200C
XX
Agrelo Engineering
Joe Agrelo/President
1145 Catalyn St. Schenectady, NY 12303 USA
(518)381-1057
(518)381-1058
E-Mail: Jagrelo@concentric.net
WEB: <http://home.navisoft.com/agrelo/ae.htm>
Designer & Manufacturer of intelligent microprocessor
based Doppler and talking products
Experts in Microchip & Motorola processors
XX

From jagrelo@cris.com Sat Jul 06 14:03:13 1996
Received: from franklin.cris.com (franklin.cris.com [199.3.12.31]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id OAA18533 for <aprssig@tapr.org>; Sat, 6 Jul 1996
14:03:10 -0500 (CDT)
Received: from darius.cris.com (darius [199.3.12.32])
by franklin.cris.com (8.7.5/(96/06/11 2.45))
id PAA29364; Sat, 6 Jul 1996 15:03:08 -0400 (EDT)

[1-800-745-2747 The Concentric Network]
Errors-To: jagrelo@cris.com
Received: from crc3.pop3.net (cnc059035.concentric.net [206.83.77.35])
by darius.cris.com (8.7.3)
id PAA15025; Sat, 6 Jul 1996 15:03:06 -0400 (EDT)
Message-ID: <31DEE39B.13CB@concentric.net>
Date: Sat, 06 Jul 1996 15:07:23 -0700
From: Joseph Agrelo <jagrelo@cris.com>
Organization: Agrelo Engineering
X-Mailer: Mozilla 2.01 (Win95; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:2737] Re: DFjr Card
References: <31DB0E22.73C4@worldnet.att.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

William Nolle wrote:

> I fixed it Joe and uploaded the new files to tapr. Couldn't paste it tough
because i
> have CorelDraw on another computer Hi. The files are called DFJR4.ZIP and
DFJR4.TXT
>
> --
> Bill WA8INZ
> ke4eer@worldnet.att.net
> ke4eer@amsat.org

Great! I will go retrieve it. Thanks!

73 De Joe N200C

XX

Agrelo Engineering
Joe Agrelo/President
1145 Catalyn St. Schenectady, NY 12303 USA
(518)381-1057
(518)381-1058
E-Mail: Jagrelo@concentric.net
WEB: <http://home.navisoft.com/agrelo/ae.htm>
Designer & Manufacturer of intelligent microprocessor
based Doppler and talking products
Experts in Microchip & Motorola processors
XX

From wbliss@coastside.net Sat Jul 06 14:18:22 1996
Received: from poseidon (www.coastside.net [205.162.38.5]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id OAA19752 for <aprssig@tapr.org>; Sat, 6 Jul 1996
14:18:18 -0500 (CDT)
Received: from LOCALNAME ([205.162.38.93]) by poseidon (8.6.11/8.6.12) with SMTP
id MAA09842 for <aprssig@tapr.org>; Sat, 6 Jul 1996 12:13:58 -0700
Date: Sat, 6 Jul 1996 12:13:58 -0700

Message-Id: <199607061913.MAA09842@poseidon>
X-Sender: wbliss@mail.coastside.net (Unverified)
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: "William B. Bliss/WB6LPG" <wbliss@coastside.net>
Subject: APRS/TRANSPAC96 SPECIAL EVENT

APRS SPECIAL EVENT...

The Singlehanded Sailing Society Solo Yacht race, underway since Noon last Saturday June 29th. Mike/WD6EHQ on S/V Foxx Fyre has been passing twice daily AM/PM Position reports on the 16 Yachts, to Bill/KB6LFM on Pactor 14065/10137 Kcs. We then relay to Yacht Committee via Fax, to parties on Internet, and other Hams. Reports and comments appear on local Packet BBS (APRS@ALLUS).

I have uplinked all on HF/10151 for any/all APRS HF to downlink to their own area VHF stations. Would appreciate any reports on how far back EAST/NW/SW/MidWEST any/all have copied.

Also a Victoria, BC to Hawaii race has been plotted and uplinked of another Yacht race , all boats now in same area.

Monday a 60 boat fleet, will leave SanDiego/Lax area Monday 8th, don't know if any APRS coverage or not.

We need efforts to get more S/V and Yacht Clubs interested in APRS for tracking. Anticipate a Calif to Mexico race this Fall, and hope to have Rick/KN6KB , S/V SECOND WIND, running GPS tracking sometime in November.

More info on your Internet Address, Yachting, Sailing, Weather.

<http://www.sfbaysss.org/transpac96/> , also just search with words Sailing will get you much info.

73's & Enjoy, Bill/WB6LPG@KA6EYH <wbliss@coastside.net> just past 70 and still kickin. 7/3/26
NNNN

WBB/WB6LPG

From ssable@ic.net Sat Jul 06 14:51:05 1996
Received: from ic.net (root@falcon.ic.net [152.160.101.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id OAA22056 for <aprssig@tapr.org>; Sat, 6 Jul 1996 14:51:04 -0500 (CDT)
Received: from ssable by ic.net with smtp (Smail3.1.28.1 #6) id m0ucdNX-003MdQC; Sat, 6 Jul 96 15:50 WET DST
Message-Id: <m0ucdNX-003MdQC@ic.net>
X-Sender: ssable@ic.net
X-Mailer: Windows Eudora Pro Version 2.1.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sat, 06 Jul 1996 15:50:34 -0400
To: aprssig@tapr.org

From: Steve Sable <ssable@ic.net>
Subject: Re: [APRSSIG:2833] Ultimeters CHANGED

At 07:59 AM 7/6/96 -0500, you wrote:

>I was just informed of a production change in the Ultimeter 500 and
>2000. They have added 8 additional bytes onto the data format and since
>APRS uses the character count as a validation of the string, these new
>devices will NOT work with existing versions of APRS!

>

>I will fix it. But if you just got a new ULtimeter, this may explain
>why it doesnt work with APRS!

>

>de wb4apr@amsat.org

>

>

>

I got my 500 a few months ago and had a heck of time getting it to work with the computer. Peet Bros replaced everything to no avail. I gave up. At Dayton I talked to William J Peet II who informed me that they developed a new data cable from the key-pad to the computer. Instead of the DB-9 they went to a RS-232 connector. Something about the newer computer's have a reference voltage change from older model's. At any rate this finally did the trick for my system and I run 76e with no problems that I am aware of. Hope this tib-bit is of some use.

Will wtach the SIG further info. 73 de N8NYU

From seront@seism1.ess.sunysb.edu Sat Jul 06 15:32:59 1996
Received: from ccmail.sunysb.edu (ccmail.sunysb.edu [129.49.1.103]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id PAA23376 for <aprssig@tapr.org>; Sat, 6 Jul 1996 15:32:58 -0500 (CDT)
Received: from seism1.ess.sunysb.edu by ccmail.sunysb.edu (PMDF V5.0-6 #8051) id <01I6RCB2TXCWA4LMVN@ccmail.sunysb.edu> for aprssig@tapr.org; Sat, 06 Jul 1996 16:32:55 -0400 (EDT)
Received: from corto.ess.sunysb.edu by seism1.ess.sunysb.edu (4.1/SMI-4.1) id AA13182; Sat, 06 Jul 1996 16:32:13 -0400 (EDT)
Date: Sat, 06 Jul 1996 16:32:21 -0400
From: Bernard Seront <seront@seism1.ess.sunysb.edu>
Subject: MAR-6 update.bis
X-Sender: seront@seism1.ess.sunysb.edu
To: aprssig@tapr.org
Message-id: <2.2.32.19960706203221.00891a2c@seism1.ess.sunysb.edu>
MIME-version: 1.0
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Content-type: text/plain; charset="us-ascii"
Content-transfer-encoding: 7BIT

Sorry if this is the second time, but it seems the first try didn't made it through:

Just a short notice to inform everyone on the evolution of the process.

I received the MAR-6's early this week. I'm ready to ship them back.

I had send personal e-mail last week to all the interested parties with details about payment, address... I know that at least one of these e-mail bounced (K5AHE, for instance, can't get an e-mail to you now). I already started shipping to those who answered.

A copy of the above mentioned details is at the end of this e-mail so hopefully everyone will get it now.
Address and phone (at work) are there too, BUT phone is not a good way to reach me (doing experiments in a not-phone-equipped lab, most often I can't answer).

I started to put together some ideas and a possible layout for the pre-amp, I will upload that as time permit... (deadlines, papers and such, those working in academic environment know that). I'm working on a prototype too...

Hi,

I received confirmation that the MAR-6 will be shipped to me before June 27. It's now time for you to send me your payment so I can re-ship your units as soon as possible.

Send me your payment, by check, money order, or even cash in the envelope (but you take the responsibility if I don't receive it), in US\$. The price is still 2\$ per unit, :-), including handling, shipping, ...

My address is:

Bernard SERONT
Earth and Space Sciences
State University of New York
STONY BROOK, NY, 11794-2100.

Just attach a short note with your payment with the quantity of MAR-6 you want, and if you want the standard case or surface mount. Don't forget to put YOUR address somewhere, so I know where to ship!

or just print and fill (or fill and print) the following:

Name :
Street Address :
:
:
:
Town, State, Zip:

MAR-6 standard case : Qty: * 2\$ =
MAR-6SM surface mount : Qty: * 2\$ =

Total =

If you need to contact me, feel free, e-mail is the -faster- way.

Bernard, KB2TGH.

<<><><>> Bernard Seront
| e-mail: seront@seism1.ess.sunysb.edu
| (o)(o) http://rock.ess.sunysb.edu:8080/
| _) addr: Department of Earth and Space Sciences
| ,___| State University of New-York at Stony Brook
|___/ STONY BROOK, NY, 11794-2100, USA
/ \ phone: (516)632-8302 fax: (516)632-8240

From KD4EMI@aol.com Sat Jul 06 16:02:36 1996
Received: from emout19.mail.aol.com (emout19.mx.aol.com [198.81.11.45]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id QAA24681 for <aprssig@tapr.org>; Sat, 6
Jul 1996 16:02:35 -0500 (CDT)

From: KD4EMI@aol.com
Received: by emout19.mail.aol.com (8.6.12/8.6.12) id RAA27960 for
aprssig@tapr.org; Sat, 6 Jul 1996 17:03:30 -0400
Date: Sat, 6 Jul 1996 17:03:30 -0400

Message-ID: <960706170329_232117179@emout19.mail.aol.com>

To: aprssig@tapr.org

Subject: Re: [APRSSIG:2860] APRS/TRANSPAC96 SPECIAL EVENT

In a message dated 96-07-06 15:58:34 EDT, you write:

>ocal Packet BBS (APRS@ALLUS).

> I have uplinked all on HF/10151 for any/all APRS HF to downlink to
>their own area VHF stations. Would appreciate any reports on how far back
>EAST/NW/SW/MidWEST any/all have copied.

Getting them Here in South Florida pretty regularly...

(I wonder if you guys out west ever see me ?)

Mike KD4EMI@AOL.COM
(gate on 10.151)

From ku0g@sprynet.com Sat Jul 06 16:14:37 1996
Received: from m1.sprynet.com (m1.sprynet.com [165.121.1.97]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id QAA25103 for <aprssig@tapr.org>; Sat, 6 Jul 1996
16:14:35 -0500 (CDT)

From: ku0g@sprynet.com

Received: from [199.174.141.117] (ad14-117.compuserve.com [199.174.141.117]) by

m1.sprynet.com (8.6.12/8.6.12) with SMTP id OAA25725 for <aprssig@tapr.org>; Sat,
6 Jul 1996 14:12:23 -0700
Date: Sat, 6 Jul 1996 14:12:23 -0700
Message-Id: <199607062112.OAA25725@m1.sprynet.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Subject: Re: [APRSSIG:2839] KB0UZQ's infamous overnight APRS/STS-78 contact
report...
To: aprssig@tapr.org
In-Reply-To: <9607061422.AA05226@qni.com>
X-Mailer: SPRY Mail Version: 04.00.06.21

I might suggest the text of the first movement of Carl Orff's "Carmina Burana"
would be most fitting!

"O Fortuna Imperatrix..." (O Fortune, Queen of Destiny...)

Best 73,
Jim Duncan, KU0G
APRS--Kansas City Coordinator
EMail: ku0g@sprynet.com

From ku0g@sprynet.com Sat Jul 06 16:15:52 1996
Received: from m1.sprynet.com (m1.sprynet.com [165.121.1.97]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id QAA25191 for <aprssig@tapr.org>; Sat, 6 Jul 1996
16:15:51 -0500 (CDT)
From: ku0g@sprynet.com
Received: from [199.174.141.117] (ad14-117.compuserve.com [199.174.141.117]) by
m1.sprynet.com (8.6.12/8.6.12) with SMTP id OAA25874 for <aprssig@tapr.org>; Sat,
6 Jul 1996 14:13:39 -0700
Date: Sat, 6 Jul 1996 14:13:39 -0700
Message-Id: <199607062113.OAA25874@m1.sprynet.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Subject: Re: [APRSSIG:2839] KB0UZQ's infamous overnight APRS/STS-78 contact
report...
To: aprssig@tapr.org
In-Reply-To: <9607061422.AA05226@qni.com>
X-Mailer: SPRY Mail Version: 04.00.06.21

Of course the following would ALSO be most appropriate...

"Dies Irae, Dies Ilae"

"Day of Ire, Day of Ill"

Best 73,
Jim Duncan, KU0G
APRS--Kansas City Coordinator
EMail: ku0g@sprynet.com

From dwetzel@slkc.uswest.net Sat Jul 06 16:50:12 1996
Received: from slkc1.slk.uswest.net (slkc1.slk.uswest.net [206.81.128.1]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id QAA26575 for <aprssig@tapr.org>; Sat, 6
Jul 1996 16:50:10 -0500 (CDT)
Received: from 70571,3005.compuserve.com (dialup7.slk.uswest.net [206.81.128.16])
by slkc1.slk.uswest.net (8.6.12/8.6.12) with SMTP id PAA01332 for
<aprssig@tapr.org>; Sat, 6 Jul 1996 15:50:08 -0600
Message-ID: <31DEDF8E.389E@slkc.uswest.net>
Date: Sat, 06 Jul 1996 15:50:06 -0600
From: Doug Wetzel <dwetzel@slkc.uswest.net>
X-Mailer: Mozilla 2.01 (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:2863] Re: APRS/TRANSPAC96 SPECIAL EVENT
References: <960706170329_232117179@emout19.mail.aol.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

KD4EMI@aol.com wrote:

>
> In a message dated 96-07-06 15:58:34 EDT, you write:
>
> >ocal Packet BBS (APRS@ALLUS).
> > I have uplinked all on HF/10151 for any/all APRS HF to downlink to
> >their own area VHF stations. Would appreciate any reports on how far back
> >EAST/NW/SW/MidWEST any/all have copied.
>
> Getting them Here in South Florida pretty regularly...
> (I wonder if you guys out west ever see me ?)
>
> Mike KD4EMI@AOL.COM
> (gate on 10.151)

We see you in Utah fequently, Mike

Doug
KC7C0

From dwetzel@slkc.uswest.net Sat Jul 06 16:52:30 1996
Received: from slkc1.slk.uswest.net (slkc1.slk.uswest.net [206.81.128.1]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id QAA26651 for <aprssig@tapr.org>; Sat, 6
Jul 1996 16:52:27 -0500 (CDT)
Received: from 70571,3005.compuserve.com (dialup7.slk.uswest.net [206.81.128.16])
by slkc1.slk.uswest.net (8.6.12/8.6.12) with SMTP id PAA01344 for
<aprssig@tapr.org>; Sat, 6 Jul 1996 15:52:25 -0600
Message-ID: <31DEE018.35F4@slkc.uswest.net>
Date: Sat, 06 Jul 1996 15:52:24 -0600
From: Doug Wetzel <dwetzel@slkc.uswest.net>
X-Mailer: Mozilla 2.01 (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:2865] Re: KB0UZQ's infamous overnight APRS/STS-78 contact
References: <199607062113.0AA25874@m1.sprynet.com>

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Since most of the passes were in what amounted to the dead middle of the night, I submit the following:

"Carpe Denim"

Of course, "Seize the pants"

;-0

Doug
KC7CO
Radio Free Utah

From KSwaggart@aol.com Sat Jul 06 22:38:12 1996
Received: from emout17.mail.aol.com (emout17.mx.aol.com [198.81.11.43]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id WAA08514 for <aprssig@tapr.org>; Sat, 6 Jul 1996 22:38:11 -0500 (CDT)
From: KSwaggart@aol.com
Received: by emout17.mail.aol.com (8.6.12/8.6.12) id XAA10692 for aprssig@tapr.org; Sat, 6 Jul 1996 23:38:38 -0400
Date: Sat, 6 Jul 1996 23:38:38 -0400
Message-ID: <960706233837_150258669@emout17.mail.aol.com>
To: aprssig@tapr.org
Subject: WXHURR2 had errors

Hi again,

My apologies - WXHURR2.ZIP was uploaded with errors. No all (I hope) errors are corrected - file is WXHURR3.ZIP on tapr.org.

73, Ken, W7KKE
kswaggart@aol.com

From n0oxh@alikazam.sprintcorp.com Sat Jul 06 23:30:19 1996
Received: from alikazam.sprintcorp.com (alikazam.sprintcorp.com [144.230.241.2]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id XAA10624 for <aprssig@tapr.org>; Sat, 6 Jul 1996 23:30:17 -0500 (CDT)
Received: from localhost by alikazam.sprintcorp.com via SMTP (950413.SGI.8.6.12/940406.SGI.AUT0)
for <aprssig@tapr.org> id XAB00775; Sat, 6 Jul 1996 23:30:16 -0500
Message-Id: <199607070430.XAB00775@alikazam.sprintcorp.com>
To: aprssig@tapr.org
Subject: GPS-20 less deaf
Date: Sat, 06 Jul 1996 23:30:16 -0500
From: David Rush <n0oxh@alikazam.sprintcorp.com>

Folks:

>From day one my GPS-20 has been spitting out out data, but has not yet gotten its first fix.

Until today, all I could see was the unit cycling through all of the satellites, never reporting more than one at a time.

After watching it do this for a couple of hours today, I pulled my GPS-20 off the roof and installed a pair of 10 uF caps; one on the input and one on the output of the 7505 regulator.

It now reports a slowly changing variety of eight satellites, with varying azimuths. But most of the elevations are zero. Typically I'll see just two birds with non-zero elevations. After running for quite some time, I started seeing non-null S/N reports, but never more than two at once, and more typically just one.

It ran like this for about three hours. Still no fix. The clock is about 25 seconds off, and I'm just a few miles from Garmin here in Kansas.

Here's some sample output:

```
$GPGGA,032807,,,,,0,00,,,M,,M,,*68
$GPGSA,A,1,,,,,,,,,,,,,*1E
$GPGSV,2,1,08,03,,115,,04,35,258,,21,,013,,23,,350,41*7A
$GPGSV,2,2,08,24,05,243,,26,,271,,27,17,208,,28,,127,*70
$PGRME,,,,,*4D
$GPVTG,,T,,M,,N,,K*4E
$GPRMC,032808,V,,,,,,070796,,*3F
$PGRMT,GPS 20-00 VER 1.33 ,P,P,R,R,P,,42*1F
$GPGGA,032808,,,,,0,00,,,M,,M,,*67
$GPGSA,A,1,,,,,,,,,,,,,*1E
$GPGSV,2,1,08,03,,115,,04,35,258,,21,,013,,23,,350,41*7A
$GPGSV,2,2,08,24,05,243,,26,,271,,27,17,208,,28,,127,*70
$PGRME,,,,,*4D
$GPVTG,,T,,M,,N,,K*4E
$GPRMC,032809,V,,,,,,070796,,*3E
$GPGGA,032809,,,,,0,00,,,M,,M,,*66
$GPGSA,A,1,,,,,,,,,,,,,*1E
$GPGSV,2,1,08,03,,115,,04,35,258,,21,,013,,23,,350,41*7A
$GPGSV,2,2,08,24,05,243,,26,,271,,27,17,208,,28,,127,*70
```

Anybody have any ideas about what's wrong? Should I try smaller caps? What are the *hh fields at the end of each sentence?

I'm using a quarter-wave ground-plane antenna, made from RG-58. Feedline length is the length of the supplied mini-coax, plus about three inches of RG-58 before its split open for the antenna.

David, n00xh@alikalazam.sprintcorp.com

From N5RKN@aol.com Sun Jul 07 00:14:36 1996

Received: from emout13.mail.aol.com (emout13.mx.aol.com [198.81.11.39]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id AAA16530 for <aprssig@tapr.org>; Sun, 7 Jul 1996 00:14:34 -0500 (CDT)

From: N5RKN@aol.com
Received: by emout13.mail.aol.com (8.6.12/8.6.12) id BAA13095 for
aprssig@tapr.org; Sun, 7 Jul 1996 01:13:52 -0400
Date: Sun, 7 Jul 1996 01:13:52 -0400
Message-ID: <960707011352_350976029@emout13.mail.aol.com>
To: aprssig@tapr.org
Subject: oops...

Well, Bill.... this may explain a lot on the questionable dates and/or times
from
N5RKN-8 listings here in West Texas. I checked the station today and found
that

for whatever reason, the KPC-3 had a date set of 6/29, and 1 hour earlier.

So,
disregard the darn msgs from me, as it would take too much to sit and figure
the
differential. All I can say is: Sorry 'bout that.

73' Robert

From rsellers@misha.net Sun Jul 07 00:49:34 1996
Received: from misha.net (delta.wwa.com [204.120.206.5]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id AAA19949 for <aprssig@tapr.org>; Sun, 7 Jul 1996
00:49:32 -0500 (CDT)
Received: from rsellers by misha.net (SMI-8.6/SMI-SVR4)
id AAA09832; Sun, 7 Jul 1996 00:49:20 -0500
Date: Sun, 7 Jul 1996 00:49:20 -0500
Message-Id: <199607070549.AAA09832@misha.net>
X-Sender: rsellers@misha.net
X-Mailer: Windows Eudora Version 1.4.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: rsellers@misha.net (Roger Sellers)
Subject: Re: [APRSSIG:2817] Re: _d

>- Cheap! wrote:

>>

>> Kent

>>

>> KQ4KK

>

>I got this message twice already this morning!. Not many (If any) on the sig
>have a laptop with a CD-Rom and according to their website that's what it
>takes to run the version that will work with GPS.

>

I went thru awsum gyrations to get the regular mapping program to run on
my non-cd equipped laptop. I was able to get the mapping program and GPS
program to run on my laptop. I was told my e-mail support from the company
to copy the state map to a specific directory. I then looked at the file for
Illinois. it was 17MEGS!! I managed to laplink it over but the program didnt
recognize it. Even though I bought the program, no further info/support was
forthcoming to fill in the Grand Canyon wide gap of how to make it work
right. I remarked that they make a way to create installable floppy disks or

some other creative way to install the needed files w/o a CD. I didnt get the courtesy of a reply.

On my desktop unit I could get the mapping and GPS software to work great. Unfortunately the PC is in the basement and the GPS doesnt read satellites too well there. So.... I'm not too inpressed with it yet enough to plunk down another 60 bucks to run it on my laptop. Maybe the developers should get their laptops with cd-roms taken away and then make them re-write it for us normal folks.

73,

Roger Sellers

Amateur Radio: KB9LBU

E-Mail Home: rsellers@misha.net

E-Mail Work: rsellers@snds.com

From rsellers@misha.net Sun Jul 07 00:53:51 1996

Received: from misha.net (delta.wwwa.com [204.120.206.5]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id AAA20010 for <aprssig@tapr.org>; Sun, 7 Jul 1996 00:53:50 -0500 (CDT)

Received: from rsellers by misha.net (SMI-8.6/SMI-SVR4)
id AAA09932; Sun, 7 Jul 1996 00:53:43 -0500

Date: Sun, 7 Jul 1996 00:53:43 -0500

Message-Id: <199607070553.AAA09932@misha.net>

X-Sender: rsellers@misha.net

X-Mailer: Windows Eudora Version 1.4.3

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

To: aprssig@tapr.org

From: rsellers@misha.net (Roger Sellers)

Subject: Re: [APRSSIG:2828] Re: _d

> I also have a notebook with cdrom, but it is my understanding that it
>is possible to run PM with perhaps just your own state or local area off
>the HD only (no cdrom).

>

>Bob - wd6dod

disable the cd-rom drivers on the laptop, connect a laplink cable to a PC with a cd rom, Then try it. Allow plenty of time <grin>.

73,

Roger Sellers

Amateur Radio: KB9LBU

E-Mail Home: rsellers@misha.net

E-Mail Work: rsellers@snds.com

From rsellers@misha.net Sun Jul 07 00:59:22 1996

Received: from misha.net (delta.wwwa.com [204.120.206.5]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id AAA20249 for <aprssig@tapr.org>; Sun, 7 Jul 1996 00:59:21 -0500 (CDT)

Received: from rsellers by misha.net (SMI-8.6/SMI-SVR4)
id AAA10072; Sun, 7 Jul 1996 00:59:14 -0500

Date: Sun, 7 Jul 1996 00:59:14 -0500

Message-Id: <199607070559.AAA10072@misha.net>

X-Sender: rsellers@misha.net
X-Mailer: Windows Eudora Version 1.4.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: rsellers@misha.net (Roger Sellers)
Subject: Re: [APRSSIG:2829] Re: _d

>Installing Map Data on a Laptop

>

>Precision Mapping data can be installed manually on a laptop for use when a CD-ROM is not

>available. This procedure is not recommended and is not supported by technical support. The

>following procedure describes the manual installation of map data:.....

>

This may work.. I tried to do this before based on what their tech support told me. I couldn't make it work right. Maybe that's why Tech Support won't support it.

I could hope they would develop a way to make it work instead of telling the world how to try the following procedure then dissolve themselves of any support. That doesn't set well with me for some reason. Although I do like the maps...

Roger Sellers
Amateur Radio: KB9LBU
E-Mail Home: rsellers@misha.net
E-Mail Work: rsellers@snds.com

From rsellers@misha.net Sun Jul 07 01:03:46 1996
Received: from misha.net (delta.wwwa.com [204.120.206.5]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id BAA20673 for <aprssig@tapr.org>; Sun, 7 Jul 1996 01:03:44 -0500 (CDT)
Received: from rsellers by misha.net (SMI-8.6/SMI-SVR4) id BAA10201; Sun, 7 Jul 1996 01:03:37 -0500
Date: Sun, 7 Jul 1996 01:03:37 -0500
Message-Id: <199607070603.BAA10201@misha.net>
X-Sender: rsellers@misha.net
X-Mailer: Windows Eudora Version 1.4.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: rsellers@misha.net (Roger Sellers)
Subject: Re: [APRSSIG:2840] Band opening?

>I just got WinAPRS installed! Is it normal to see stations 800 - 1000

>miles away or is there a band opening? I'm seeing, among others,

VE3NP,

>KB1DD, N0AN, and N60AA. I'm in Granbury, Tx. which is 35 miles SW of FT.

>Worth.

>

>Roy Bost

>N5TAM
>rhost@itexas.net
>

Yes if your picking up a HF Gateway station. I'm in northern Illinois and can see stations into Canada, the east coast, and Florida when a local Gateway is active. Otherwise we have about 60 active in Northern Illinois area.

73,
Roger Sellers
Amateur Radio: KB9LBU
E-Mail Home: rsellers@misha.net
E-Mail Work: rsellers@snds.com

From bottmgun@emi.net Sun Jul 07 05:48:18 1996
Received: from florence.emi.net (root@florence.emi.net [204.181.45.5]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id FAA28610 for <aprssig@tapr.org>; Sun, 7 Jul 1996 05:48:15 -0500 (CDT)
Received: from ttyEJ.emi.net (ttyEJ.emi.net [204.181.45.169]) by florence.emi.net (8.6.10/8.6.10) with SMTP id HAA05653 for <aprssig@tapr.org>; Sun, 7 Jul 1996 07:04:32 -0400
Received: by ttyEJ.emi.net with Microsoft Mail
id <01BB6BCF.862E3C80@ttyEJ.emi.net>; Sun, 7 Jul 1996 06:42:53 -0400
Message-ID: <01BB6BCF.862E3C80@ttyEJ.emi.net>
From: "Jay K. Jeffries" <bottmgun@emi.net>
To: "'APRS SIG'" <aprssig@tapr.org>
Subject: Multiple NMEA data feeds
Date: Sun, 7 Jul 1996 06:42:41 -0400
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

For a school project, I have to log differential GPS position, compass = heading, and depth of seawater and plot depth vs. position. I will have = a Garmin 45 with the GBR-21 Differential Receiver, an Autohelm ST-30 = Digital Depth Sounder, a KVH 1000 Magna Flux Compass, an NMEA 0183 = Interface block (takes up to 4 NMEA inputs and outputs to a single = RS-232 port, price \$189), and a 486/33 laptop.

Can I use APRS for this or do I have to purchase the \$2000 Micro Nav = marine data logging package for this? I have to fund this out of my = pocket and have been able to scrounge the hardware, software is now the = issue. Thanks for your help in advance.

Jay Jeffries

From cheisler@cyberia.com Sun Jul 07 08:16:39 1996
Received: from cyberia.com (cyberia.com [205.160.224.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id IAA02362 for <aprssig@tapr.org>; Sun, 7 Jul 1996 08:16:37 -0500 (CDT)
Message-Id: <199607071316.IAA02362@tapr.org>
Received: from sl19.cyberia.com by cyberia.com
with SMTP (IPAD 1.1) id 4980200 ; Sun, 07 Jul 96 09:20:17 EST
X-Sender: cheisler@cyberia.com

X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sat, 06 Jul 1996 13:16:30 -0400
To: aprssig@tapr.org
From: "Charles E. Heisler" <cheisler@cyberia.com>
Subject: Re: [APRSSIG:2794] Re: SHOWTIME/GPS-20

Hello Toni;

Thanks to your help I have SHOWTIME working. It is quite a FREE program. It is evident Dr.Tom has put considerable time and effort into it. I am wondering if and when he will release to TAPR the hardware side of the TAC project.

At 02:31 AM 7/5/96 -0500, you wrote:

>A question for the SIG.

>

>Garmin communication program ver A.01.06.04 does not communicate

>with my GPS-20, it cannot ident the GPS-20. Any clues?

>

I saw the answer you got from a SIG member on this qestion. Have you found a way to get the GPS-20 to 'speak Garmin' instead NMEA?

>

>Check that you are using the garmin.gps file instead the

>showtime.gps, the later defaults to Motorola receivers.

It finally sunk in that I had to change the name to SHOWTIME.GPS
I did not see that in the DOCs.

TNX again and -73- Charlie
-73- For Now Charlie K3VDB

```
  / / / ) / / / ) \ \ _ _ / ) / / _ _ ) / / _ _ )  
 / / < / _ _ / \ \ / / / / / / / / / /  
 / / | | _ _ / \ \ / / / / / / / / / /  
 / _ _ | | / _ _ / \ X / _ _ / _ _ / _ _ /  
 \ On Satellites K0-23 K0-25 A0-13 modes B & S /  
 \ E- Mail k3vdb@amsat.org /  
 \-----/
```

From DDOBBINS@aol.com Sun Jul 07 08:44:57 1996
Received: from emout15.mail.aol.com (emout15.mx.aol.com [198.81.11.41]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id IAA03474 for <aprssig@tapr.org>; Sun, 7
Jul 1996 08:44:55 -0500 (CDT)
From: DDOBBINS@aol.com
Received: by emout15.mail.aol.com (8.6.12/8.6.12) id JAA20928 for
aprssig@tapr.org; Sun, 7 Jul 1996 09:45:28 -0400
Date: Sun, 7 Jul 1996 09:45:28 -0400
Message-ID: <960707094527_571351203@emout15.mail.aol.com>
To: aprssig@tapr.org

Subject: APRS SEATTLE??

If there's anybody on the SIG from Seattle, please email me direct. I'm making changes to the WASOUND.MAP, based on numerous GPS track histories collected over past year. Also, I have mods to WAYAKIMA.MAP if anyone's interested. Aloha, Dave, temp qth Spokane.

From dkaplan@pionet.net Sun Jul 07 09:31:14 1996
Received: from ELWOOD.pionet.net (ELWOOD.pionet.net [199.120.116.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id JAA05428 for <aprssig@tapr.org>; Sun, 7 Jul 1996 09:31:12 -0500 (CDT)
Received: from pm1_109.pionet.net by ELWOOD.pionet.net; (5.65v3.0/1.1.8.2/03Oct95-1046AM)
id AA19409; Sun, 7 Jul 1996 09:36:42 -0500
Date: Sun, 7 Jul 1996 09:36:42 -0500
Message-Id: <9607071436.AA19409@ELWOOD.pionet.net>
X-Sender: dkaplan@elwood.pionet.net
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: Dave Kaplan <dkaplan@pionet.net>
Subject: Nebraska Maps Available

I have uploaded to TAPR a full set of maps for the state of Nebraska. There are 24 32 mile maps as well as a map of the state showing all counties. The files is zipped as per the documentation supplied with APRS. The set is called NEMAPS01.ZIP. It was in the upload area at TAPR but I'm sure it has been moved by now.

Since this is my first major attempt at map making any and all comments (or problems) would be appreciated.

Dave

From ke4eer@worldnet.att.net Sun Jul 07 09:53:08 1996
Received: from mailhost.worldnet.att.net (mailhost.worldnet.att.net [204.127.129.4]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id JAA06456 for <aprssig@tapr.org>; Sun, 7 Jul 1996 09:53:06 -0500 (CDT)
Received: by mailhost.worldnet.att.net (SMI-8.6/SMI-SVR4)
id OAA23923; Sun, 7 Jul 1996 14:52:35 GMT
Received: from 254.middletown-57.va.dial-access.att.net(207.116.6.254)
by mailhost.worldnet.att.net with SMTP
id A23823; Sun Jul 7 14:52:13 1996
Message-ID: <31DFEB2C.7B67@worldnet.att.net>
Date: Sun, 07 Jul 1996 09:51:56 -0700
From: William Nolle <ke4eer@worldnet.att.net>
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: DFjrCard
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have uploaded the latest and LAST quick reference card file to Tapr.
I cleaned up i couple of things and added a little bit of text, but no
big change. Just wanted to let those that use it know. It's called
DFjrCard.txt and DFjrCard.zip, i figured i better change the name because
some people may think it's a file describing the DFjr or whatever Hi.

--

Bill WA8INZ
ke4eer@worldnet.att.net
ke4eer@amsat.org

From weather@xnet.com Sun Jul 07 12:12:04 1996
Received: from flood.xnet.com (flood.xnet.com [198.147.221.35]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id MAA12187 for <aprssig@tapr.org>; Sun, 7 Jul 1996
12:12:03 -0500 (CDT)
Received: from weather.xnet.com by flood.xnet.com (8.7.5/XNet-1.4R) with SMTP
id MAA23001 for <aprssig@tapr.org>; Sun, 7 Jul 1996 12:11:51 -0500 (CDT)
Date: Sun, 7 Jul 1996 12:11:51 -0500 (CDT)
Message-Id: <199607071711.MAA23001@flood.xnet.com>
X-Sender: weather@quake.xnet.com
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: Ron Malinowski <weather@xnet.com>
Subject: Re: [APRSSIG:2861] Re: Ultimeters CHANGED

>I got my 500 a few months ago and had a heck of time getting it to work with
>the computer. Peet Bros replaced everything to no avail. I gave up. At
>Dayton I talked to William J Peet II who informed me that they developed a
>new data cable from the key-pad to the computer. Instead of the DB-9 they
>went to a RS-232 connector. Something about the newer computer's have a
>reference voltage change from older model's. At any rate this finally did
>the trick for my system and I run 76e with no problems that I am aware of.
>Hope this tib-bit is of some use.

I was wondering, I plan to use the 2000 as stand alone, and the cable they
sent was a 9 pin, all I need to do is buy an adapter to 25 and plug it into
the KPC-3? Or does peet have a 25 pin data cable that plugs right into the
KPC-3? Just wondering.

Ron

From Lew.Midlam@pobox.com Sun Jul 07 12:14:06 1996
Received: from perseus.peganet.com (root@perseus.peganet.com [206.102.200.1]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id MAA12217 for <aprssig@tapr.org>; Sun, 7
Jul 1996 12:14:05 -0500 (CDT)
Received: from peg4-ts62.peganet.com (peg4-ts62.peganet.com [206.102.200.163]) by
perseus.peganet.com (8.6.12/8.6.9) with SMTP id NAA01867 for <aprssig@tapr.org>;
Sun, 7 Jul 1996 13:22:09 -0400
Message-ID: <31DFEFD7.3A4B@pobox.com>
Date: Sun, 07 Jul 1996 13:11:51 -0400

From: Lew Midlam <Lew.Midlam@pobox.com>
X-Mailer: Mozilla 2.0 (Win16; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:2875] Multiple NMEA data feeds
References: <01BB6BCF.862E3C80@ttyEJ.emi.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Jay K. Jeffries wrote:

>

> For a school project, I have to log differential GPS position, compass heading, and depth of seawater and plot depth vs. position. I will have a Garmin 45 wit

>

> Can I use APRS for this or do I have to purchase the \$2000 Micro Nav marine data logging package for this? I have to fund this out of my pocket and have been

>

> Jay Jeffries

Jay: You didn't mention what you were using for a NMEA interface, but I assume it's an electronic device that accepts NMEA from the various sources and outputs them sequentially to the RS-232 port and into the computer.

Once you have the NMEA data coming into the computer you don't need (I think) the Micro Nav data logger. I believe just about any software that does the logging for you will suffice.

You should be able to find plenty of software to help you out at Peter Bennet's ftp site. Start at

<http://vancouver-webpages.com/peter/index.html>

Good Luck,

Lew

From etroy@aeroconsult.com Sun Jul 07 13:54:59 1996
Received: from mail.voicenet.com (mail.voicenet.com [207.103.0.35]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id NAA16796 for <aprssig@tapr.org>; Sun, 7 Jul 1996 13:54:57 -0500 (CDT)
Received: from nikki (ivyland521.voicenet.com [206.228.127.200]) by mail.voicenet.com (8.6.12/8.6.12) with SMTP id OAA10849 for <aprssig@tapr.org>; Sun, 7 Jul 1996 14:54:54 -0400
Message-Id: <2.2.32.19960707185458.006bb3ac@popmail.voicenet.com>
X-Sender: etroy@popmail.voicenet.com
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Date: Sun, 07 Jul 1996 14:54:58 -0400
To: aprssig@tapr.org
From: Ed Troy <etroy@aeroconsult.com>
Subject: Re: [APRSSIG:2881] Re: Multiple NMEA data feeds

At 12:31 PM 7/7/96 -0500, you wrote:

>Jay K. Jeffries wrote:

>>

>> For a school project, I have to log differential GPS position, compass heading, and depth of seawater and plot depth vs. position. I will have
>a Garmin 45 wit

>>

>> Can I use APRS for this or do I have to purchase the \$2000 Micro Nav marine data logging package for this? I have to fund this out of my
>pocket and have been

>>

>> Jay Jeffries

>

>

>Jay: You didn't mention what you were using for a NMEA interface, but I
>assume it's an electronic device that accepts NMEA from the various
>sources and outputs them sequentially to the RS-232 port and into the
>computer.

>

>Once you have the NMEA data coming into the computer you don't need (I
>think) the Micro Nav data logger. I believe just about any software that
>does the logging for you will suffice.

>

>You should be able to find plenty of software to help you out at Peter
>Bennet's ftp site. Start at

>

> <http://vancouver-webpages.com/peter/index.html>

>

>

>Good Luck,

>

>Lew

>

>

>

I'm not quite sure what you are trying to do, and what your interfaces are, but I have been doing a lot of work for an upcoming book on GPS involving the comparison of various receivers and systems. In order to do this, I needed to perform large data takes using many receivers at the same time. To do this, I used Windows 95, a multiple (8 port) serial card from Comtrol (it is called a RocketPort), and the latest version of Delrina Wincom. Using this I could open up to 11 simultaneous comm sessions (actually 10 since my mouse uses one comm port, but who's counting). Then, I could log all the data I wanted, and save the data to files, and then do whatever I wanted to with the data later. It is one of the only comm programs that I know of that will support comm ports beyond 4, and it is also one of the only ones that will allow you to have multiple instances of the program open

at the same time. It worked flawlessly for me. Of course if you don't need more than 4 comm ports, you can just go with conventional i/o boards, and save a bunch of money, since the Control board is a few hundred bucks.

Ed

From jagrelo@cris.com Sun Jul 07 14:42:31 1996
Received: from franklin.cris.com (franklin.cris.com [199.3.12.31]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id 0AA18684 for <aprssig@tapr.org>; Sun, 7 Jul 1996 14:42:27 -0500 (CDT)
Received: from darius.cris.com (darius [199.3.12.32])
by franklin.cris.com (8.7.5/(96/06/11 2.45))
id PAA25706; Sun, 7 Jul 1996 15:41:34 -0400 (EDT)
[1-800-745-2747 The Concentric Network]
Errors-To: jagrelo@cris.com
Received: from crc3.pop3.net (cnc059031.concentric.net [206.83.77.31])
by darius.cris.com (8.7.3)
id PAA29503; Sun, 7 Jul 1996 15:41:00 -0400 (EDT)
Message-ID: <31E03DFB.3FDA@concentric.net>
Date: Sun, 07 Jul 1996 15:45:15 -0700
From: Joseph Agrelo <jagrelo@cris.com>
Organization: Agrelo Engineering
X-Mailer: Mozilla 2.01 (Win95; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:2879] DFjrCard
References: <31DFEB2C.7B67@worldnet.att.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

William Nolle wrote:

>
> I have uploaded the latest and LAST quick reference card file to Tapr.
> I cleaned up i couple of things and added a little bit of text, but no
> big change. Just wanted to let those that use it know. It's called
> DFjrCard.txt and DFjrCard.zip, i figured i better change the name because
> some people may think it's a file describing the DFjr or whatever Hi.
> --
> Bill WA8INZ
> ke4eer@worldnet.att.net
> ke4eer@amsat.org

Hey Bill,

I just downloaded your latest files within (dfjrcard.zip). Looks good but I have a couple of comments. Your spelling of Treshold is incorrect, it should be Threshold with an "h". Funny thing...I wonder if there is something wrong with the "h" on your keyboard, cause I noticed in lots of your e-mail you always leave out the "h" in words like though, and through.

Also where you have Agrelo Engineering, Home of the DFjr, it would be nice if you added our phone number (800)588-4300.

Credit, where credit is due-

You did a very nice job of enhancing the original card from Mike Musick
NQBF, Thanks! to both of you for saving me the time of doing it myself,
which it seems I have less and less of lately;-)

I will add a link from our web site to obtain the card, when it's
complete.

73 De Joe N200C

XX

Agrelo Engineering

Joe Agrelo/President

1145 Catalyn St. Schenectady, NY 12303 USA

(518)381-1057

(518)381-1058

E-Mail: Jagrelo@concentric.net

WEB: <http://home.navisoft.com/agrelo/ae.htm>

Designer & Manufacturer of intelligent microprocessor
based Doppler and talking products

Experts in Microchip & Motorola processors

XX

From wd5ivd@tapr.org Sun Jul 07 14:50:29 1996

Received: (from wd5ivd@localhost) by tapr.org (8.7.5/8.7.3/1.9) id 0AA19253; Sun,
7 Jul 1996 14:50:28 -0500 (CDT)

From: Greg Jones <wd5ivd@tapr.org>

Message-Id: <199607071950.0AA19253@tapr.org>

Subject: Garmin GPS-20 Update

To: aprssig@tapr.org (BBS SIG mailing), tapr-bb@tapr.org (TAPR-BB mailing)

Date: Sun, 7 Jul 1996 14:50:27 -0500 (CDT)

Cc: psr@tapr.org (PSR)

X-Mailer: ELM [version 2.4 PL25]

Content-Type: text

Greetings.

Here is an update on round two of the TAPR group buy on GPS-20 units.

As of today (7/7/96) the TAPR office has received orders for 40 of the 75
units required.

We need another 35 orders before we can place the group purchase.

Information and pictures on the GPS-20 are available at
<http://www.tapr.org/gps>

Cheers - Greg, WD5IVD

From 72155.1222@CompuServe.COM Sun Jul 07 15:06:39 1996

Received: from arl-img-5.compuserve.com ([149.174.217.135]) by tapr.org

(8.7.5/8.7.3/1.9) with SMTP id PAA20110 for <aprssig@tapr.org>; Sun, 7 Jul 1996 15:06:38 -0500 (CDT)

Received: by arl-img-5.compuserve.com (8.6.10/5.950515)

id QAA01326; Sun, 7 Jul 1996 16:06:05 -0400

Date: 07 Jul 96 16:01:44 EDT

From: Richard Ball <72155.1222@CompuServe.COM>

To: APRSSIG <aprssig@tapr.org>

Subject: Mobile

Message-ID: <960707200144_72155.1222_EHB176-1@CompuServe.COM>

I just got a mobile system going in my car. A Garmin45, KPC-3 ver6 with HSP cable, 2meter radio, and an old Toshiba laptop. I have been able to get the mobile -9 to show on my computer at home, and on the two other peoples in the area here (Seattle) running APRS.

Every time I go out in my car I have tried to run APRS. But it has gotten to be a PAIN to put the laptop in and out every time I stop at a store or the 'mall'. I don't like to leave the computer in the front of the car in the parking lots. The other equipment is out of sight. Also on long trips the old computers battery runs down.

Being new to APRS and not having anyone at home to ask, I thought I would ask here on the sig. Hope its not to basic.

I did put the KPC-3 in 'GPS' mode once, and tried it without the computer. And boy did I have a time getting it out with the three CTRL 'C's. I guess I would like my cake and eat it to. Can I run with the computer some of the time and at other times without, and doing it easy?

My thinking was when the computer starts APRS, to use the INIT file to change the KPC-3 out of GPS mode, and when QUITing to reset it back into GPS mode. But I can't seem to get this to work.

Am I approaching the problem wrong? Am I making a mountain out of a mole hill? Did I miss something in the DOCs? What are others doing?

Richard N7RIG

From sdimse@bridge.net Sun Jul 07 16:25:13 1996

Received: from relay7.UU.NET ([192.48.96.17]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id QAA23997; Sun, 7 Jul 1996 16:25:06 -0500 (CDT)

Received: from bridge.net by relay7.UU.NET with ESMTP

(peer crosschecked as: newworld.bridge.net [204.253.4.4])

id QQaxjp01160; Sun, 7 Jul 1996 17:23:38 -0400 (EDT)

Received: from [199.174.150.117] (dd08-117.compuserve.com [199.174.150.117]) by bridge.net (8.7.5/8.7.3) with SMTP id RAA09968; Sun, 7 Jul 1996 17:20:43 -0400 (EDT)

Message-Id: <199607072120.RAA09968@bridge.net>

Subject: javAPRS

Date: Sun, 7 Jul 96 17:23:31 -0400

x-sender: sdimse@mail.bridge.net

x-mailer: Claris EMailer 1.1
From: Steve Dimse <sdimse@bridge.net>
To: <aprssig@tapr.org>, <aprs-fl@tapr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

javAPRS is coming along great. Check it out if you haven't recently:

<<http://www.bridge.net/~sdimse/javAPRS.html>>

javAPRS now does GIF maps, and reads Kantronics TNC data, NMEA data and HST files, as well as a couple formats for its own use. More formats on the way soon. Also there will soon be instructions on how to make javAPRS work on your home page. Check back often.

These examples are running now:

javAPRS.html...see the NMEA data logged on a trip from the Keys to Miami

trip.html...see what I saw as I drove to Dallas for the TAPR DCC last September.

hurricane.html...Hurricane tracking. For now I have to manually update this, so it won't be as up to date as other tropical weather sources, so don't depend on it!

marathon.html...a replay of the marathon.hst file included in the APRS distribution.

gifmap.html...watch me head into the Keys back country for some fishing, plotted over a scanned-in nautical chart.

Please send me your comments/suggestions. I've got to finish the paper on javAPRS for DCC, so the improvements may be a little slow for the next couple weeks.

Steve K04HD
sdimse@bridge.net

From BordingK@aol.com Sun Jul 07 17:44:16 1996
Received: from emout09.mail.aol.com (emout09.mx.aol.com [198.81.11.24]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id RAA27315 for <aprssig@tapr.org>; Sun, 7 Jul 1996 17:44:14 -0500 (CDT)
From: BordingK@aol.com
Received: by emout09.mail.aol.com (8.6.12/8.6.12) id SAA29097 for aprssig@tapr.org; Sun, 7 Jul 1996 18:45:06 -0400
Date: Sun, 7 Jul 1996 18:45:06 -0400
Message-ID: <960707184506_571579515@emout09.mail.aol.com>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:2833] Ultimeters CHANGED

Are there serial numbers available or shipping dates of affected units. Also does this affect anything if the unit is operating as a stand-alone U-2000 to

TNC to Radio device?

Thanks and '73s

KF4COH

Ken in Jax, FL

From rboost@itexas.net Sun Jul 07 17:46:09 1996
Received: from mailhost.itexas.net (mailhost.itexas.net [207.22.198.33]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id RAA27373 for <aprssig@tapr.org>; Sun, 7 Jul 1996 17:46:06 -0500 (CDT)
Received: from rboost.itexas.net ([207.22.198.41]) by mailhost.itexas.net (post.office MTA v1.9.3 ID# 0-12497) with SMTP id AAA66 for <aprssig@tapr.org>; Sun, 7 Jul 1996 17:47:41 -0500
From: rboost@itexas.net (Roy Bost)
To: <aprssig@tapr.org>
Subject: Re: [APRSSIG:2885] Mobile
Date: Sun, 7 Jul 1996 17:46:34 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1085
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Message-ID: <19960707224740764.AAA66@rboost.itexas.net>

Here is what I learned from an earlier query that I put out about getting back into the kpc-3 when it is in GPS mode: DO NOT USE A PACKET PROGRAM to communicate with the KPC-3! I have had the best luck using the terminal program that came with Windows 95.

Three <control c> and wait a couple of seconds. Then try again.

I don't use my laptop in the van. I use the Garmin 45, KPC-3 and the TH-77 as a stand alone tracker.

I have a friend that uses the "remote" mode to get his KPC-3 in and out of GPS mode.

Has anyone figured out how to power the Garmin 45 from the RS-232 port on the KPC-3?

Roy, N5TAM

From ke4eer@worldnet.att.net Sun Jul 07 18:09:17 1996
Received: from mailhost.worldnet.att.net (mailhost.worldnet.att.net [204.127.129.3]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id SAA28322 for <aprssig@tapr.org>; Sun, 7 Jul 1996 18:09:15 -0500 (CDT)
Received: by mailhost.worldnet.att.net (SMI-8.6/SMI-SVR4) id XAA19217; Sun, 7 Jul 1996 23:08:44 GMT
Received: from 203.bridgeton-3.mo.dial-access.att.net(199.69.38.203) by mailhost.worldnet.att.net with SMTP id A19113; Sun Jul 7 23:08:33 1996
Message-ID: <31E05F88.3382@worldnet.att.net>

Date: Sun, 07 Jul 1996 18:08:24 -0700
From: William Nolle <ke4eer@worldnet.att.net>
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:2883] Re: DFjrCard
References: <31E03DFB.3FDA@concentric.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Joseph Agrelo wrote:

>
> Hey Bill,
>
> I just downloaded your latest files within (dfjrcard.zip). Looks good
> but I have a couple of comments. Your spelling of Treshold is incorrect,
> it should be Threshold with an "h". Funny thing...I wonder if there is
> something wrong with the "h" on your keyboard, cause I noticed in lots
> of your e-mail you always leave out the "h" in words like though, and
> through.
>
> Also where you have Agrelo Engineering, Home of the DFjr, it would be
> nice if you added our phone number (800)588-4300.
>
> Credit, where credit is due-
> You did a very nice job of enhancing the original card from Mike Musick
> N0QBF, Thanks! to both of you for saving me the time of doing it myself,
> which it seems I have less and less of lately;-)
>
> I will add a link from our web site to obtain the card, when it's
> complete.
>
> 73 De Joe N200C

Ok Joe will check all of that and add the phone number and reload it to tapr.

--

Bill WA8INZ
ke4eer@worldnet.att.net
ke4eer@amsat.org

From dkaszubski@why.net Sun Jul 07 18:33:37 1996
Received: from where.why.net (why.net [205.240.252.21]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id SAA29506 for <aprssig@tapr.org>; Sun, 7 Jul 1996
18:33:36 -0500 (CDT)
Received: from arl136.why.net ([206.160.169.136]) by where.why.net
(post.office MTA v1.9.3 ID# 0-11525) with SMTP id AAA193
for <aprssig@tapr.org>; Sun, 7 Jul 1996 18:32:48 -0500
Message-ID: <31E0654F.4523@why.net>
Date: Sun, 07 Jul 1996 18:33:03 -0700
From: dkaszubski@why.net (dkaszubski)
Organization: The Why? Network
X-Mailer: Mozilla 2.02 (Win95; I; 16bit)

MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:2888] Re: Mobile
References: <19960707224740764.AAA66@rhost.itexas.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Roy Bost wrote:

>
> Here is what I learned from an earlier query that I put out about getting
> back into the kpc-3 when it is in GPS mode: DO NOT USE A PACKET PROGRAM to
> communicate with the KPC-3! I have had the best luck using the terminal
> program that came with Windows 95.
> Three <control c> and wait a couple of seconds. Then try again.
>
> I don't use my laptop in the van. I use the Garmin 45, KPC-3 and the
> TH-77 as a stand alone tracker.
>
> I have a friend that uses the "remote" mode to get his KPC-3 in and out of
> GPS mode.
>
> Has anyone figured out how to power the Garmin 45 from the RS-232 port ont
> the KPC-3?
>
> Roy, N5TAM

Yes, I have devised a way to power the Garmin from the KPC-3 and will show you at our earliest convenience. Basically, I put a DB-25 connector on the Garmin cable, brown to pin 2, black to pin 7, and red to pin 25 with a fuse soldered to the wires hidden in the connector hood. Follow the directions in the KPC manual for "Powering the KPC-3 from the DB-25 port" It requires two jumpers soldered on the board. I don't think it will work if you have configured your 25 port to do a hard reset because it uses the same jumper, just on the other pin. This puts power to pin 25. Note: it uses whatever power you provide to the KPC-3, including the internal 9-volt battery! Doesn't last long that way...But it Works GREAT! I then power the KPC-3 from the truck through the regular power connector. Voila!

THEN, I put a DB-25 connector on my Pac-Com HSP switch pigtails and run power to the switch AND the GPS from the KPC-3 since my laptops don't have power on pin 6 of the serial port. (orange wire to pin 25 of both the tnc and the gps DB-25 connectors) You just gotta see it! I just change INT to GPS on the KPC-3, plug the DB-25 on the Garmin cable directly into it and have an instant tracker.

Note: I still can't get 3 <ctrl-C> to work to switch back from GPS mode, no matter how long I wait or how many times I try it. Remote mode works well enuf and I can leave the whole thing under the car seat when I get home, just reset the BLT times and leave it turned on.

--

Dave Kaszubski WB3FYV
dkaszubski@why.net also: ustuia6v@ibmmail.com

Benbrook, Texas N 32 40.319' W 097 26.844'

President of the Texas Utilities Amateur Radio Club,
Comanche Peak Chapter
Affiliated with RACES, ARES, TAPR, ARRL, SWOT, TPRS, Texas VHF FM Society
Still experimenting with APRS...
<http://users.why.net/dkaszuski/>

From KD4EMI@aol.com Sun Jul 07 18:52:39 1996
Received: from emout08.mail.aol.com (emout08.mx.aol.com [198.81.11.23]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id SAA00432 for <aprssig@tapr.org>; Sun, 7
Jul 1996 18:52:37 -0500 (CDT)
From: KD4EMI@aol.com
Received: by emout08.mail.aol.com (8.6.12/8.6.12) id TAA15792 for
aprssig@tapr.org; Sun, 7 Jul 1996 19:53:06 -0400
Date: Sun, 7 Jul 1996 19:53:06 -0400
Message-ID: <960707195305_232658234@emout08.mail.aol.com>
To: aprssig@tapr.org
Subject: GATEWAY OFFLINE

I was going against my old adage, if it aint broke....

Took the MFJ loop down and flipped it horizontally...Worked great,
until the bolts holding it broke and it aint gonna work until MFJ gets it..

With the storm coming (BERTHA) I had established a good APRS HF link with
HH2B in Haiti.

With some luck might be able to get something rigged up in the limited time
and limited space I have (apt dweller) But it is unlikely..
The timing of this event couldnt have been worse...

In any event the gate is off, I can tune the push up pole with my autotuner
but have not been able to connect to anyone.
Mike
KD4EMI@AOL.COM

From rhettw@tyrell.net Sun Jul 07 19:17:52 1996
Received: from mail.tyrell.net (www.tyrell.net [198.175.8.12]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id TAA01321 for <aprssig@tapr.org>; Sun, 7 Jul 1996
19:17:50 -0500 (CDT)
Received: from rhettw.tyrell.net (ttypc.tyrell.tyrell.net) by mail.tyrell.net with
SMTP id AA18337
(5.65c/IDA-1.4.4 for aprssig@tapr.org); Sun, 7 Jul 1996 19:17:38 -0500
Message-Id: <31E06BAC.5937@tyrell.net>
Date: Sun, 07 Jul 1996 19:00:12 -0700
From: Rhett Westerman <rhettw@tyrell.net>
X-Mailer: Mozilla 2.01 (Win16; I)
Mime-Version: 1.0
To: aprssig@tapr.org
Cc: rhettw@tyrell.net
Subject: APSRSIG
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello,

I am trying to get started with APRS here in Baton Rouge, Louisiana. Is there anyone locally that is up and running with APRS? I can't seem to get any stations to display on my maps, but I am receiving a few stations from other areas.

--

Rhett Westerman
rhettw@tyrell.net
WWW Home Page <http://www.tyrell.net/~rhettw/INDEX.HTML>

From rhettw@tyrell.net Sun Jul 07 19:18:00 1996
Received: from mail.tyrell.net (www.tyrell.net [198.175.8.12]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id TAA01366 for <aprssig@tapr.org>; Sun, 7 Jul 1996 19:17:58 -0500 (CDT)
Received: from rhettw.tyrell.net (ttypc.tyrell.tyrell.net) by mail.tyrell.net with SMTP id AA18343
(5.65c/IDA-1.4.4 for aprssig@tapr.org); Sun, 7 Jul 1996 19:17:50 -0500
Message-Id: <31E06BB9.306C@tyrell.net>
Date: Sun, 07 Jul 1996 19:00:25 -0700
From: Rhett Westerman <rhettw@tyrell.net>
X-Mailer: Mozilla 2.01 (Win16; I)
Mime-Version: 1.0
To: aprssig@tapr.org
Cc: rhettw@tyrell.net
Subject: APSRSIG
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello,

I am trying to get started with APRS here in Baton Rouge, Louisiana. Is there anyone locally that is up and running with APRS? I can't seem to get any stations to display on my maps, but I am receiving a few stations from other areas.

--

Rhett Westerman KD6MRG
rhettw@tyrell.net
WWW Home Page <http://www.tyrell.net/~rhettw/INDEX.HTML>

From gerry@cs.tamu.edu Sun Jul 07 19:26:48 1996
Received: from cs.tamu.edu (clavin.cs.tamu.edu [128.194.130.106]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id TAA01799 for <aprssig@tapr.org>; Sun, 7 Jul 1996 19:26:46 -0500 (CDT)
Received: from vanilla.cs.tamu.edu (2961@vanilla.cs.tamu.edu [128.194.132.220]) by cs.tamu.edu (8.6.10/8.6.4) with ESMTP id TAA01482 for <aprssig@tapr.org>; Sun, 7 Jul 1996 19:26:49 -0500
From: Gerald J Creager <gerry@cs.tamu.edu>

Received: (gerry@localhost) by vanilla.cs.tamu.edu (8.6.12/8.6.4) id TAA09057 for aprssig@tapr.org; Sun, 7 Jul 1996 19:24:03 -0500
Message-Id: <199607080024.TAA09057@vanilla.cs.tamu.edu>
Subject: Re: [APRSSIG:2871] Re: _^Cd
To: aprssig@tapr.org
Date: Sun, 7 Jul 1996 19:24:03 -0500 (CDT)
In-Reply-To: <199607070549.AAA09832@misha.net> from "Roger Sellers" at Jul 7, 96 00:55:24 am
X-Mailer: ELM [version 2.4 PL25]
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

Roger Sellers sez:

>
> I went thru awsum gyrations to get the regular mapping program to run on
> my non-cd equiped laptop. I was able to get the mapping program and GPS
> program to run on my laptop. I was told my e-mail support from the company
> to copy the state map to a specific directory. I then looked at the file for

... continued tale of woe deleted

The documentation tells you how to get teh data over, and then how to tell the program where it is, so it can deal with it. It *is* in there. I didn't have to get tech support to find it, so it Had to be obvious :-)

If you think 17 Mb is bad, try Texas with 48 Mb! That's a disk-full.

the Justsoftworks staff I've talked to seem more than a little overwhelmed with some of the release work they're doing these days. as well as with updating the maps database to give DeLorme a run for their money. This represents a program with Tiger-level data that *can* be run from hard disk. That's more than DeLorme can claim.

73, gerry

From gerry@cs.tamu.edu Sun Jul 07 19:33:09 1996
Received: from cs.tamu.edu (clavin.cs.tamu.edu [128.194.130.106]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id TAA01921 for <aprssig@tapr.org>; Sun, 7 Jul 1996 19:33:08 -0500 (CDT)
Received: from vanilla.cs.tamu.edu (2961@vanilla.cs.tamu.edu [128.194.132.220]) by cs.tamu.edu (8.6.10/8.6.4) with ESMTP id TAA01549 for <aprssig@tapr.org>; Sun, 7 Jul 1996 19:33:10 -0500
From: Gerald J Creager <gerry@cs.tamu.edu>
Received: (gerry@localhost) by vanilla.cs.tamu.edu (8.6.12/8.6.4) id TAA09167 for aprssig@tapr.org; Sun, 7 Jul 1996 19:30:26 -0500
Message-Id: <199607080030.TAA09167@vanilla.cs.tamu.edu>
Subject: Re: [APRSSIG:2875] Multiple NMEA data feeds
To: aprssig@tapr.org
Date: Sun, 7 Jul 1996 19:30:26 -0500 (CDT)
In-Reply-To: <01BB6BCF.862E3C80@ttyEJ.emi.net> from "Jay K. Jeffries" at Jul 7, 96 06:02:09 am
X-Mailer: ELM [version 2.4 PL25]

MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

I used APRS as a datalogging system for Cows In Space. Check the
@S-Gps-Nmealog command. It logs all NMEA 0183 sentences to a log file.

further: You could always log to a comm program if you don't need graphical
data displays.

73, gerry n5jxs
n5jxs@tamu.edu
Mapping Sciences Laboratories, Texas A&M University
409.845.9425

From ke4eer@worldnet.att.net Sun Jul 07 19:50:02 1996
Received: from mailhost.worldnet.att.net (mailhost.worldnet.att.net
[204.127.129.4]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id TAA03213 for
<aprssig@tapr.org>; Sun, 7 Jul 1996 19:50:00 -0500 (CDT)
Received: by mailhost.worldnet.att.net (SMI-8.6/SMI-SVR4)
id AAA05304; Mon, 8 Jul 1996 00:49:28 GMT
Received: from 139.dallas-1.tx.dial-access.att.net(199.69.132.139)
by mailhost.worldnet.att.net with SMTP
id A5088; Mon Jul 8 00:49:14 1996
Message-ID: <31E07723.1BB@worldnet.att.net>
Date: Sun, 07 Jul 1996 19:49:07 -0700
From: William Nolle <ke4eer@worldnet.att.net>
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:2892] APSRSIG
References: <31E06BAC.5937@tyrell.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Rhett Westerman wrote:

>
> Hello,
>
> I am trying to get started with APRS here in Baton Rouge, Louisiana. Is
> there anyone locally that is up and running with APRS? I can't seem to
> get any stations to display on my maps, but I am receiving a few
> stations from other areas.
> --
> -----
> Rhett Westerman
> rhettw@tyrell.net
> WWW Home Page <http://www.tyrell.net/~rhettw/INDEX.HTML>
> -----

Yes i'm sure there is Rhett, i just got through making a series of maps for
that area including some for Baton Rouge. I'm sure he will answer your message
because he was looking for some new users.

--

Bill WA8INZ
ke4eer@worldnet.att.net
ke4eer@amsat.org

From ke4eer@worldnet.att.net Sun Jul 07 20:13:16 1996
Received: from mailhost.worldnet.att.net (mailhost.worldnet.att.net [204.127.129.4]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id UAA04141 for <aprssig@tapr.org>; Sun, 7 Jul 1996 20:13:14 -0500 (CDT)
Received: by mailhost.worldnet.att.net (SMI-8.6/SMI-SVR4) id BAA15069; Mon, 8 Jul 1996 01:12:41 GMT
Received: from 139.dallas-1.tx.dial-access.att.net(199.69.132.139) by mailhost.worldnet.att.net with SMTP id A14951; Mon Jul 8 01:12:35 1996
Message-ID: <31E07C90.DBC@worldnet.att.net>
Date: Sun, 07 Jul 1996 20:12:16 -0700
From: William Nolle <ke4eer@worldnet.att.net>
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:2883] Re: DFjrCard
References: <31E03DFB.3FDA@concentric.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Joseph Agrelo wrote:

>
> Hey Bill,
>
> I just downloaded your latest files within (dfjrcard.zip). Looks good
> but I have a couple of comments. Your spelling of Treshold is incorrect,
> it should be Threshold with an "h". Funny thing...I wonder if there is
> something wrong with the "h" on your keyboard, cause I noticed in lots
> of your e-mail you always leave out the "h" in words like though, and
> through.
>
> Also where you have Agrelo Engineering, Home of the DFjr, it would be
> nice if you added our phone number (800)588-4300.
>

I uploaded the corrected DFjrcard.zip i have changed several things including adding the phone number, and of course Mike's original concept that i overlooked (Sorry Mike). Well i really didn't overlook it since i didn't know who did the original small card. But in any case that has been taken care of on the front of the card. I also changed the DFjr marking to it's design like on the front of the manual.

Another question Joe since i have your attention. Would you please post the sizes of the connectors, like the power connector on the DFjr and the GPS input on the MPA card. I looked through several catalogs and there are 3 sizes available and if you pick the wrong size it will be to loose and may fall out when on a hot trail of the fox Hi.

--

Bill WA8INZ
ke4eer@worldnet.att.net
ke4eer@amsat.org

From bruninga@nadm.navy.mil Sun Jul 07 21:44:39 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id VAA08397 for <aprssig@tapr.org>; Sun, 7 Jul 1996 21:44:37 -0500 (CDT)
Received: (from bruninga@localhost) by arctic.nadm.navy.mil (8.6.12/8.6.12) id WAA16310; Sun, 7 Jul 1996 22:45:36 -0400
Date: Sun, 7 Jul 1996 22:45:36 -0400 (EDT)
From: Bob Bruninga <bruninga@nadm.navy.mil>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:2857] Re: Ultimeters CHANGED
In-Reply-To: <199607061834.NAA29395@flood.xnet.com>
Message-ID: <Pine.SUN.3.91.960707224344.16285B@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 6 Jul 1996, Ron Malinowski wrote:

> At 07:59 AM 7/6/96 -0500, you wrote:
> >I was just informed of a production change in the Ultrimeter 500 and
> >2000. They have added 8 additional bytes onto the data format...
>
> Hi Bob, what is new, mine was purchased at Dayton, I believe mine works
> alright with Dos and Mac versions, but I am curious does these new units do
> something more with these 8 bytes, anything we users should be concerned about?

APRSDos REPLY COMMENT:What they do even I dont know, and PEET Bros has not announced anything either. But obviously they are transparent to current ops.

de wb4apr@amsat.org

From bruninga@nadm.navy.mil Sun Jul 07 21:46:48 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id VAA08434 for <aprssig@tapr.org>; Sun, 7 Jul 1996 21:46:47 -0500 (CDT)
Received: (from bruninga@localhost) by arctic.nadm.navy.mil (8.6.12/8.6.12) id WAA16319; Sun, 7 Jul 1996 22:47:46 -0400
Date: Sun, 7 Jul 1996 22:47:46 -0400 (EDT)
From: Bob Bruninga <bruninga@nadm.navy.mil>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:2856] Shuttle Ionization APRS reception
In-Reply-To: <v02140b00ae045fd2ff0d@[204.251.33.23]>
Message-ID: <Pine.SUN.3.91.960707224605.16285C@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 6 Jul 1996, Ronald G. Parsons wrote:

> Tomorrow morning, as the Shuttle reenters, the ionization trail should

> provide a reflector for VHF packet APRS posits. Watch your maps during the
> following times:
>
> Arrives over West Coast 12:14 8:14 7:14 6:14 5:14

APRSdos REPLY COMMENT: Easiest way to tell, is look on your D-PAGE for
any stations more than 30 miles away that are shown with an Asterix
in the first column!

de wb4apr@amsat.org

From bruninga@nadm.navy.mil Sun Jul 07 22:02:44 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id WAA09110 for <aprssig@tapr.org>; Sun, 7
Jul 1996 22:02:43 -0500 (CDT)
Received: (from bruninga@localhost) by arctic.nadm.navy.mil (8.6.12/8.6.12) id
XAA16360; Sun, 7 Jul 1996 23:02:55 -0400
Date: Sun, 7 Jul 1996 23:02:55 -0400 (EDT)
From: Bob Bruninga <bruninga@nadm.navy.mil>
To: "Bernard C. Barnes" <74362.1502@CompuServe.COM>
cc: aprssig@tapr.org, amsat-bb@amsat.org
Subject: Re: my problem with aprtrak6.zip
In-Reply-To: <960706234321_74362.1502_HHG36-1@CompuServe.COM>
Message-ID: <Pine.SUN.3.91.960707225909.16285D-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On 6 Jul 1996, Bernard C. Barnes wrote:

> I downloaded APRTRAK6.ZIP from tapr and have been having trouble
> getting it unzipped. I get an ERROR:
> File not found MAPS| -bad name
> Maps or MAPS directory not found!

APRSdos REPLY COMMENT: This is my fault. APRtrak6 is loading up using
your old APRtrak5 CONFIG file. BUT I moved all the MAPLISTS into a new
MAPLISTS directory! Therefore it can't find the maps. Try starting up
using the command APRtrak6/NEW. This will force a clean start and
then you can save your config file anew.

de wb4apr@amsat.org

From amartin@world2u.com Sun Jul 07 22:19:43 1996
Received: from ants3.world2u.com (root@ants3.world2u.com [204.141.123.3]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id WAA10036 for <aprssig@tapr.org>; Sun, 7
Jul 1996 22:19:40 -0500 (CDT)
Received: from LOCALNAME (I123.226.world2u.com [204.141.123.226]) by
ants3.world2u.com (8.7.4/8.7.3) with SMTP id XAA27412; Sun, 7 Jul 1996 23:12:20
-0400 (EDT)
Date: Sun, 7 Jul 1996 23:12:20 -0400 (EDT)
Message-Id: <199607080312.XAA27412@ants3.world2u.com>
X-Sender: amartin@mail.world2u.com
X-Mailer: Windows Eudora Light Version 1.5.2

Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: "Arthur J. Martin" <amartin@world2u.com>
Subject: How I installed WIN32s in Win 3.1
Cc: sproul@ap.org

Just some of my experiences in getting prepared to run MacAPRS compiled for Windows 3.x Source of the WIN32s is the file OLE32s13.EXE. You can try to download it from

<http://www.ncsa.uiuc.edu/SDG/Software/WinMosaic/Draft/win32s.htm>

Intallation help from

<http://www.ncsa.uiuc.edu/SDG/Software/WinMosaic/Draft/WM063.htm>

(Above locations provided in the WinAPRS documentation by Mark & Keith Sproul, co-authors of MacAPRS(tm) and WinAPRS(tm))

My procedure was to get the WinAPRS(tm) software (version 1.1.0, currently) See the sites at the end of this message for location.

- 1) download OLE32S13.EXE from the www site shown above
- 2) make a DOS directory (I named WIN32s) off the root "drive_letter:\WIN32S"
- 3) copy in the OLE32S13.EXE into that directory
- 4) Make sure I was in WIN32S directory
- 5) Execute the self-extracting archive (2.5 Meg) with "OLE32S13<Enter>" All the files in the archive will be left in the WIN32S directory. If you have a backup copy of OLE32S13.EXE stashed away then you can delet it from the WIN32S directory to free up some disk space.
- 6) Make sure that \DOS\SHARE.EXE is loaded in your CONFIG.SYS file. The Setup program checks for it and gets upset if it isn't running.
- 7) Start up your Windows 3.x
- 8) Bring up the Program Manager window
- 9) Select Run....
- 10) Type "drive_letter:\WIN32S\SETUP<Enter>" The Windows Setup program should run. Follow the prompts. Windows must reboot at the completion of Setup or you should do it manually.
- 11) Then create the WinAPRS(tm) group and it will create the group window. Setup the WinAPRS(tm) program info. If you wish, use any icon in the list, but it will be replaced with a USA map icon when you close Program window.

12) Starts by double clicking on the map icon. Since there isn't any printing support in the current versions while under windows, you may want to PRINT the docs out using MS-DOS beforehand.

Beyond this description of what worked for me in Windows 3.1, I assume no responsibility for anything you do. May it be a useful tool if you get stuck.

Good luck, all you brave folks out there! Remember, WinAPRS(tm) is NOT dosAPRS(tm) by Bob Bruniger and it runs slightly differently and is not in the same stage of development that dosAPRS(tm) is at. It does have other features such as support for callsign CD-ROMs in many flavors. As with the dosAPRS(tm) versions, registration lets you save your configuration file!

Worked for me... not guarenteed, but should be a help. GOOD LUCK!

73 de Art - N2QAE

=====

Errors, Corrections, Flames, Rockets, Thanks, etc. may be sent to me. Please don't bother the Sproul brothers unless it has to do with their software.

PS: Other locations of interest:

Sproul brother's MacAPRS/WinAPRS pages for the program documentation
Docs: <http://aprs.rutgers.edu/APRS/>

Official MacAPRS/WinAPRS FTP site
FTP <ftp://aprs.rutgers.edu/pub/hamradio/aprs/>

TAPR APRS SIG (Special Interest Group)
TAPR <http://www.tapr.org/tapr/html/sigs.html>

=====

From: Arthur J. Martin
TEL: +908+876+3189
Inet: amartin@world2u.com
AX.25: N2QAE@N2QAE.#NNJ.NJ.USA.NA

From bruninga@nadm.navy.mil Sun Jul 07 22:23:44 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id WAA10110 for <aprssig@tapr.org>; Sun, 7 Jul 1996 22:23:43 -0500 (CDT)
Received: (from bruninga@localhost) by arctic.nadm.navy.mil (8.6.12/8.6.12) id XAA16514; Sun, 7 Jul 1996 23:24:42 -0400
Date: Sun, 7 Jul 1996 23:24:42 -0400 (EDT)
From: Bob Bruninga <bruninga@nadm.navy.mil>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:2885] Mobile
In-Reply-To: <960707200144_72155.1222_EHB176-1@CompuServe.COM>
Message-ID: <Pine.SUN.3.91.960707232044.16285K-100000@arctic>

MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 7 Jul 1996, Richard Ball wrote:

> I did put the KPC-3 in 'GPS' mode once, and tried it without the
> computer. And boy did I have a time getting it out with the three
> CTRL 'C's. I guess I would like my cake and eat it to. Can I run with
> the computer some of the time and at other times without, and doing it
> easy?

APRSDOS REPLY COMMENT: I told all of the TNC manufacturers from day one,
that they needed to come up with a way for the user to go from HSP mode
to GPS mode automatically. Only AEA and PacComm have done it.

PacComm's TNC with its 2nd dedicated GPS port will begin operating in
stand alone mode as soon as it fires up and detects that APRS has not
been telling it to transmit at a time shorter than its preset GPS timing.

In other words, you set the TNC to do its GPS at once every 2 minutes
and then tell APRS to do it once every 1.5 minute. As long as APRS is
alive and well, then it is in control. If APRS does not key the radio,
then 2 minutes later the TNC will take over...

de wb4apr@amsat.org

From bruninga@nadm.navy.mil Sun Jul 07 22:35:16 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id WAA10770 for <aprssig@tapr.org>; Sun, 7
Jul 1996 22:35:14 -0500 (CDT)
Received: (from bruninga@localhost) by arctic.nadm.navy.mil (8.6.12/8.6.12) id
XAA16593; Sun, 7 Jul 1996 23:36:13 -0400
Date: Sun, 7 Jul 1996 23:36:13 -0400 (EDT)
From: Bob Bruninga <bruninga@nadm.navy.mil>
To: aprssig@tapr.org
Subject: SAREX data needed
Message-ID: <Pine.SUN.3.91.960707233246.16285L-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

In addition to a HST file of all reported SAREX APRS contacts, I also want
to make a .BK file of all ground stations trying! So if you were on the
ground and working the APRS SAREX experiment, then please send me your
LAT/LONG, symbol and attempted Beacon text.

These days you can be a little house with a Veritical, a Beam, or a
satellite dish (implying AS-EL antennas. Please indicate which for me to
use. Keep your replies brief so I don't have to dig too deeply.

If you were on the list of successful stations, then I ALREADY have your
data.

de wb4apr@amsat.org

From kc6hur@garc.gsfc.nasa.gov Sun Jul 07 22:50:25 1996
Received: from garc.gsfc.nasa.gov (root@garc.gsfc.nasa.gov [128.183.105.32]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id WAA11395 for <aprssig@tapr.org>; Sun, 7 Jul 1996 22:50:23 -0500 (CDT)
Received: from col-as6s56.erols.com (col-as6s56.erols.com [206.161.172.120]) by garc.gsfc.nasa.gov (8.6.11/8.6.9) with SMTP id XAA08284 for <aprssig@tapr.org>; Sun, 7 Jul 1996 23:50:14 -0400
Received: by col-as6s56.erols.com with Microsoft Mail id <01BB6C5F.94EA5A20@col-as6s56.erols.com>; Sun, 7 Jul 1996 23:54:05 -0400
Message-ID: <01BB6C5F.94EA5A20@col-as6s56.erols.com>
From: Randy Hammock <kc6hur@garc.gsfc.nasa.gov>
To: "'APRSSIG'" <aprssig@tapr.org>
Subject: Moving with APRS
Date: Sun, 7 Jul 1996 23:53:02 -0400
Encoding: 27 TEXT

On Wednesday the 10th of July, I will be setting out on a move back to California from Maryland.

My first day of travel will take to Peoria ,IL, then to Cheyenne, WY, then to Elko, NV, then to San Francisco, CA where I'll stay 2 night then on to Los Angeles on the 15th.

The system will be a Garmin 45 with the Trimble antenna, connected to a KPC-3, connected to an Alinco DR-1200T running 25 watts feeding a Larsen 2/70 on a mag-mount on the trailer.

Questions:

1. What should my SSID be set to?
2. What should the UNPROTO path be?
3. 145.790 is the prevalent freq, what other freqs and where should they be used?
4. Would \$GPRMC be the best sentence to use?
5. What would be the best beacon time to use? Since multiple beacons can be programmed, separate times can be used for "local" beacons and those which would specify a gate.

Once all is said and done, I would be curious to see who logged posits from my trek across the country.

Randy Hammock KC6HUR
kc6hur@garc.gsfc.nasa.gov

From bruninga@nadn.navy.mil Sun Jul 07 23:05:02 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id XAA12107 for <aprssig@tapr.org>; Sun, 7 Jul 1996 23:05:00 -0500 (CDT)
Received: (from bruninga@localhost) by arctic.nadn.navy.mil (8.6.12/8.6.12) id AAA16955; Mon, 8 Jul 1996 00:05:59 -0400
Date: Mon, 8 Jul 1996 00:05:59 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>

To: aprssig@tapr.org
cc: amsat-bb@amsat.org
Subject: APRS Sarex report (15)
Message-ID: <Pine.SUN.3.91.960705224456.25119G@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

SAREX was stowed about 24hours in advance for landing on 7 July.
This will be a preliminary final report until all the data is analyzed.
Currently we enjoyed 15 days of SAREX activity, with 20 voice passes, 25 packet passes and 11 school passes. That leaves only about 19 passes with no activity. A fantastic effort on the part of the STS-78 crew!

The positions of the following 18 stations were successfully reported via SAREX as part of the APRtrak/APRS experiment: K1HJC, WB6LLO, KE6AFE, WB4LTF, N8DEU, KE4EER(WA8INZ), KB0UZQ, KC5EJK, KG0DW, N1JDU, KD1SM, N6HNY, WA4HEI, AD4BL, WB3JNZ, N2NRD, KC7CO, and VA3HOI. Two others reported STATUS, but no POSIT. A total of 65 APRS packets were received.

A detailed station summary is being compiled but indications are that about 10 APRS stations were making a serious effort and trying every pass: WA8INZ, WB6LLO, KB0UZQ, KD4EMI, N2THO, WB4APR, KC5EJK, AD4BL, KC4ZQ, WB4PAN. Many other stations did passes when they could: N3MNT, N3IVO, N8EDU, AD4BL, N2QAE, WA1LOU, KC7CO, N1CPE, WB5QLD, K1HJC, KE6AFE, KU0G, WB4LTF, N5RKN, KC4NHB, AB5GE, KG0DW, KD1SM, N1JDU, KF4DYS, KK6IB, N6HNY, WA4HEI, KC4ZGQ, KI5VM, WB3JNZ, N2NRD, VA3HOI, W4NMK, WB3JNZ tried twice and got both successes.

Comparing the APRS success rate 65 pkts (for 39 people) to the total number of stations playing with SAREX, (1350 QSO's), could imply a lower bound of 2200 or upper bound of 4200 total packet stations on frequency, all things being equal... Does that sound about right?

This SAREX mission was a real test of your overall station sensitivity. With the shuttle orientation often sending the SAREX signals out into space away from earth, you had to have minimum receive losses and/or use a beam. Ending with SAREX QSO's in the 1300's is down by a factor of 4 or so compared to shorter missions scoring into the 3000's. More later after I study the station reports submitted.

If you have other data or are not listed, please report. I must get station data from all participating APRS stations whether you were successful or not. Here is the chronology of all packets reported.

DY	EDT	ZULU	COMMENTS
21	1745	2145z	Voice K04HD F1 Keys
21		2238z	Voice WB6LLO San Diego, and W5GEL Texas
22	0915	1315z	through 1400 on 23 June nothing heard on 9 passes
23	1535	1935z	voice heard in S. Fla
23		2110z	Voice heard in Calif
24	0740	1140z	nothing heard on next 4 passes
24	1355	1755z	voice reported in Texas
24	1530	1930z	nothing heard on next 2 passes

END FIELD DAY

25 0902 1302z School pass Grapevine TX
 25 1045 1445z I missed the pass (Any reports of activity?)
 25 1230 1620z Voice over usa. They said Packet soon!
 25 1400 1750z Voice over USA
 26 0730 1130z Packet reported fm Alabama
 26 0904 1304z Packet reported in Texas & East. QSO#'s 104 to 130
 1313? QSO#123. K1HJC>FN43HB,W5RRR-1*>APRS 0.5 on line
 1010 1610z QSO#141
 26 1356 1756z QSO#189-214 (the 189 is not certain)
 26 1500 1900z ? (I missed it. Anyone else have a report?)
 27 0725 1125z nothing heard this pass and the 0900 EDT pass
 27 1035 1435z voice heard on this and 1610z, and 1745z passes
 27 1510 1910z ? (i missed it. Anyone else have a report?)
 28 0725 1125z QSO#346-355. 22 packets copied in Maryland
 28 0900 1300z 27 pkts reported in MO and AL by KB0UZQ and KE4EER
 28 1036 1436z voice heard
 28 1915z packets heard in Calif. WB6LLO "success"
 29 0730 1130z voice heard
 29 0900 1300z nothing heard
 29 1027 1427z QSO#519-529. & KE6AFE>CM86XX,W5RRR-1*:Hi de Cap
 14??? WB6LLO gets congrats in CA. (Anyone see it?)
 1433z WB4LTF>EL98IP,W5RRR-1*:Orlando FL
 1436z N8DEU>EM64QS,W5RRR-1*:[GS]Tim at Huntsville, AL (TNC only)
 29 1346 1746z Voice reported in FL
 29 1911z WB6LLO gets CONGRATS in CA. (Anyone see it?)
 1920z Voice reported in Honduras
 30 0545 0945z QSO#672. & KE4EER>EM64SX,W5RRR-1*:Bill, Hazel Green AL V7.6e
 30 0720 1120z QSO#729.
 30 0850 1250z 9 weak pkts heard in MD. Weak pkts hrd in SoCAL
 30 1023 1423z nothing heard in SoCAL
 30 1157 1557z voice on west coast and in AL
 30 1732z nothing heard in Calif
 30 1906z WB6LLO gets "CONGRATS"
 01 0405 0805z Strong voice reported
 01 0540 0950z KE4EER reports strong voice in AL
 01 0720 1120z Voice heard in MD working Michigan
 01 0850 1250z nothing (someone reported weak packet?)
 01 1025 1425z nothing. Weak pkts then voice reported in Salt Lake City
 01 1200 1600z nothing
 02 0422 0822z no packets detected in MD (Anyone hear voice or data?)
 02 0540 0940z no packets detected in MD (ditto)
 02 0722 1122z no packets detected in MD (ditto)
 02 0842 1242z nothing
 02 1013 1413z Voice full quieting over Utah
 02 1147 1547z WA8INZ>W5RRR-1*>EM64SX:@021000/3458.49N/08629.87W WyBills Laptop
 1548z WA8INZ>W5RRR-1*>EM64SX:Bill, Hazel Green, AL v76
 1726z nothing heard (weak packets heard in Utah and Honduras)
 03 0532 0932a 21 pkts hrd in Dallas, 26 in MD. QSO#888-914. And 2 APRS
 0932z KB0UZQ>W5RRR-1*>EM29QJ: (four)
 0932z KC5EJK>W5RRR-1*>APRS:[EM120U]
 0933z KG0DW>W5RRR-1*>EN31CO:Hello Columbia from Steve in Des Moines
 0937z N1JDU>W5RRR-1*>FN42LK:APRS 0.5 on line (two)
 0937z KD1SM>W5RRR-1*>FN42DO:APRS 0.5 on line (two)

03 0707 1107z 6 Pkts heard in MD. QSO#971-975
 1111z KD1SM>W5RRR-1*>FN42D0:APRS 0.5 on line
 11??z KB0UZQ>EM22QJ,W5RRR-1*:
 03 0838 1238z QSO#1010-1035. 39 pkts heard in Dallas, 3 in MD, 34 in FL.
 1238z WB6LLO 030540 /261214/3247.03N/11711.35W Sdm12js0 (three!)
 1238z N6HNY>DM04RK,W5RRR-1*:DM04RK
 12??z KC5EJK>W5RRR-1*>APRS:[EM120U]
 1244z WA8INZ>W5RRR-1*>EM64SX:Bill, Hazel Green, AL v76d (two)
 1247z WB4LTF>W5RRR-1*>EL98IP:Casselberry FL (six)
 03 1020 1420z Weak voice (canadian) heard in MD for 1st half of pass
 03 1550z K04HD reports carrier bursts near end but no audio
 03 1720z out of view of east coast
 04 0355 0755z N4ZQ>W5RRR-1*>QST:CQ this is radio N4ZQ, Keith in Florida
 04 0528 0928z QSO#s1108-1125
 0928z KC5EJK>W5RRR-1*>APRS:[EM120U]
 0930z WB4LTF>W5RRR-1*>EL98IP:Casselberry FL (eight)
 0933z WA4HEI>W5RRR-1*>EN65UX:@EN65ux]^C2
 04 0700 1100z QSO#s1152-1180
 1103z KC5EJK>W5RRR-1*>APRS:[EM120U]
 1103z WA8INZ>W5RRR-1*>EM64SX:Bill, Hazel Green, AL v76d (five)
 1105z AD4BL>W5RRR-1*>EM70DF:AD4BL EM70
 1105z WA4HEI>W5RRR-1*>EN65UX:@EN65ux]^C2
 04 0834 1235z Voice copied in the midwest
 04 1000 1400z Voice heard in CA and midwest
 05 0347 0747z QSO#1256-1258. WA8INZ gets congrats (anyone see it?)
 0747z WB3JNZ>FN10RS,W5RRR-1*: (sent with just TNC & PROCOMM)
 05 0521 0921z QSO#1288-1297. 25 packets copied in NJ
 0925z WB3JNZ>FN10RS,W5RRR-1*: (ditto)
 092?z KD1SM>FN42D0,W5RRR-1*:73 de Ralph
 05 0658 1058z QSO#1320-1343. 42 packets copied in NJ
 1058z KC7CO gets congrats (*** ANYOHNE HAVE A COPY? THIS is only one)
 1058z KB0UZQ gets congrats (anyone see it?) (still unconfirmed!)
 1102z N2NRD>FM29LQ,W5RRR-1*: (three)
 1102z VA3HOI>FN05IE,W5RRR-1*:-[Greetings/FN05
 1104z KD1SM>FN42D0,W5RRR-1*:73 de Ralph
 1105z N1PPP>DAVE,W5RRR-1*:
 05 0835 1235z Voice
 05 1008 1408z Voice
 06 0350 0750z Nothing heard, SAREX Stowed?

I still have three passes unaccounted for.. If you have raw data to fill
 in or correct entries above, please send them to me. I also like to get
 the QSO#'s for every packet pass (just 1st and last # pse)

de wb4apr@amsat.org

From kc6hur@garc.gsfc.nasa.gov Sun Jul 07 23:09:41 1996
Received: from garc.gsfc.nasa.gov (root@garc.gsfc.nasa.gov [128.183.105.32]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id XAA12205 for <aprssig@tapr.org>; Sun, 7
Jul 1996 23:09:38 -0500 (CDT)
Received: from col-as6s56.erols.com (col-as6s54.erols.com [206.161.172.118]) by
garc.gsfc.nasa.gov (8.6.11/8.6.9) with SMTP id AAA08306 for <aprssig@tapr.org>;
Mon, 8 Jul 1996 00:09:30 -0400
Received: by col-as6s56.erols.com with Microsoft Mail
id <01BB6C62.25269160@col-as6s56.erols.com>; Mon, 8 Jul 1996 00:12:26 -0400
Message-ID: <01BB6C62.25269160@col-as6s56.erols.com>
From: Randy Hammock <kc6hur@garc.gsfc.nasa.gov>
To: "'aprssig@tapr.org'" <aprssig@tapr.org>
Subject: RE: [APRSSIG:2888] Re: Mobile
Date: Mon, 8 Jul 1996 00:08:41 -0400
Encoding: 80 TEXT, 58 UUENCODE
X-MS-Attachment: WINMAIL.DAT 0 00-00-1980 00:00

[NOTE: Best when displayed/printed with a mono-spaced font.]

The following is a description of the connector wiring I use for the Garmin GPS-45 power/data cable to a DB-25M connector. This connection allows connecting a Garmin GPS to a KPC-3 for standalone tracker operation. Note the connections between the DB-25M pins 4 and 5, and 6, 8 and 20. This will

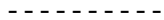
dummy any flow-control signals to the device that the cable is plugged into.

The KPC-3 was configured to send power out the DB-25F connector (KPC-3 manual Page 96; "DB-25 Wiring Options: Applying Power through the DB-25 connector").

Garmin GPS-45 Power/Data Cable	DB-25M
Brown -----	> 2
White -----	> 3
	+--> 4
	+--> 5
	+--> 6
Black -----	> 7
	+--> 8
	+--> 20
1/4 Amp Fuse	
Red ----- ~ -----	> 25

The following is a description of the adapter cable that is used to connect a Garmin GPS-45 to an IBM PC. This assumes the power data cable for the Garmin has been wired as described above. Basically, this adapter is just a NULL-MODEM that has had the power line attachments made to it. The cable above can be plugged into the adapter below, allowing external power to be supplied to the GPS-45, while using a PC to upload/download the GPS unit.

GPS-54 DB-25F	COMPUTER DB-25F
2 >-----	< 3
3 >-----	< 2
4 >	+--< 4
5 >	+--< 5



```
M>\\^(AP$'0:0" $' ' ' '! '$'0>!@('`Y 0' ' '#H'$-@ 0'
M^>'`(' '@!!) &' P!' ' '!' #0' ' ' ',`# #' ' "'P`/#@' " '?\ /
M' 0' `'#\ ' ' ' ' @2L?I+ZC$!F=;,@#=' 0]4 '@' ' ' !A<')S<VEG0'1A<'(N
M;W)G'%--5% `87!R<W-I9T!T87!R+F]R9P' '@"', '$' ' '% ' '4TU44
M' '>', 'P' 0' ' '!$' ' '!A<')S<VEG0'1A<'(N;W)G' ' ', %0P! ' ' 'P#^
M#P8' ' '>' `P' 0' '!', ' ' ' G87!R<W-I9T!T87!R+F]R9R<' ' (!"S !' '
M%@' ' '%--5% Z05!24U-)1T!405!2+D]21P' ' ' ',`#D' ' ' '"P! .@$' ' '
M'?8/' 0' ' '0' ' ' ' '#$RX!" (' '!@' ' ')4$TN36EC<F]S;V9T($UA:6PN
M3F]T90'Q" $$@ $' '@' ' '%).B!;!05!24U-)1SHR.`#@X72!293H@36]B:6QE
M' %\(' 06 `P'. ' ' 'S <' '@' ' '( "D' `0' 4' 0$@@ ,`#@' ' ',P'!P' ('
M' 0' Y' `$' `0$!"8 !" "$' ' "!1#0S0C%$031&1#A#1C$Q04(Q-#0T-#4U,S4T
M,# P, `0!P$#D 8'H <' '!(' ' '+", ' ' ' ',)@' ' ' '"P'I' ' ' '#
M'#8' ' ' '$' .0# H;(E@VR[ `1X<' '! ' ' '@' ' '%).B!;!05!24U-)1SHR
M.#@X72!293H@36]B:6QE' ' ' '@@Q` $' ' '6' ' ' ;ML@R50VK%#0]A/$<^K
M%$1%4U0' ' ' '@' '># $' ' ' % ' ' '4TU44' ' ' '>'!\, `0' ' '!H' ' '!K8S9H
M=7) 9V%R8RYG<V9C+FYA<VN9V]V' ' ' 'P`&$)^=>6@#` `<0= 4`"!X`"! !
M' ' '90' ' '$Y/5$4Z0D535%=(14Y$25-03$$914004%))3E1%1%=)5$A!34].
M3RU34$%#141&3TY45$A%1D],3$]724Y'25-!1$530U))4%1)3TY/1E1(14-/
M3DY%0U1/4E=)4DE.1TE54T4' ' ' '@$)$ $' ' '8!@`%' 8' ' 'L0' '!',6D9U
MP*OC@O\"@$/`A4"J 7K`H,' 4 +R"0('8V@*P'-E=#(W!@`&PP*#,@/%`@!P
M<D)Q$>)S=&5M`H,SMP+D!Q,"@S02S!3%?0J /PC/"=D"@ J!#;,$+8&YG>#P$P
M,Q10"PH58@'0( !;3D]413H@OI,'D 5 =V@)\`"!DI!U"U"Y"8 O$U +@!/0
M9($;H&ET:"!A( 1@>&YO+1P@` - <\0(2+K9="H4*A50;P!Y!;!<P>P/P&5 @
M!:`=80VP!/1IX0(@(&]F(!U '[ %H/1N;@60= 60` <L2!0>$D@=1&P'D$%
```


MP"&R1PT*P&T+@!\61U!3+3 T-2!P(! \$D"]D[F\$!D"'@':!L'[B4!UA0\$1"
M+3(U32'H+OX@'X\$@<2'U(4('0" !!!"_ "H4H%B!!'7 CY23!)C1+\%!#>+3,C
M4Q/ ' ' ED-<7,"(@(:!R'-!K!) A<)YP!) EH"%!)Y%.;Q/0[Q\6(;DA000@
M8A')5 ;T=LALB:5< N !" T'6 L0*@@-2PQ4S8QL#@Q4Q\!T">6`_ ?!\6
M9'5M0&UY,5\$T0!D@(! M(?''+, &\ "P':6=N!T \$(.<F02&R#;!V:1X0(:\$E
MH(\AI"7S(' \$+4' 5G9QSQF1S!;RX?*2MT=V\$G_YF-8 (<!SQ)D\$1L#%Q)3.M
M(7!U-P0FDT8AZ2@K=\$4#&74'0"!083@P(" Y-CL@ (B:3(%>5(J1/(2-S&T!!
M< M0^GD@,E [4QU `V X\$!U0\S!'(>@B*3BV'KQ\$+T2#GRIX)/%#ST<(0*,O
M1"6BOD,E\T<+)I1&;TM-0@-@VG<#H"U,OTS@/C*00U][3R]/@U<GT"XA3.] -
MPS.03B]3;U1_53DK3=(T4M_W5Z]80UD"?%:06R]/<U8'WT966B]?;V!_5@<V
M7F]C/_]D3UG?9F],(@M@+!/0[TVT_C=E0VJ/ :Y]E;VV_;L]50/XX;0]QWW+O
M;+;U#W8?5;Q/'=!T7WD_>;4Q+S% 07!M<"!&(R%X/WR/4N,<\6A%?'Y\35M=
M[1\0^R _ (4EA)9 %, "T1)>4VX0^!D2,A.J,A]0J%*EHD\B9">0.@24(FX"N
M)Y8YX'/_-! 'D2&R.T0EF2-E)%8C]/\1@"^B&]\$BD1SQ.>&!Y"_ TXP!!N!V
M92>10CG@-I!]*,%Y,; =0(&2@R6!D6H#(R"%6\$Y53\$PM3?A/1\$4FX#;3BS(1
M@#JA08BG; N @0\$"0 #0: > _P(P!" `P VP)C(=,">3-T;_C/,ET0.@+\ W
MZx+++\"!(?,QL8\$697B#436A.S4F0?^5,8@P0"\$D#JC(Z,DTS&P_QNP`Q"
MT",@*A0K@"8RF5#_%S"#6 3'&<(IGV(Q #`-\>@']0>[]%1"31-3% H*)!
MH8M#3TU051L@40^>OTE['"E#Z///%&C'Z@(S1'@/FA/JD\M/%) /K(__)Z K
ML*D_KN^K4DX6K ^Q>?Q0\$WPLK]V[ZMP5I^V#[<?_W./M5^YI"40LJ^S0ZM2
M7>__OC\R'+K/P'^TLV(OPN_#__>X/\(_QH0WK=]60<C?JW#_ :7_+' \4;R__*
M+\ZX,D"_CO_,_[2S<,_33] 0S4_2GZC\$_QK0S^_0_[#>"_ ;C]5_VM__J,2Z
ML<A&V*_@>+ A1E_BO[_@"MU0Y9_CW^30V3XQ\$> Y15-.1'_<"022\$#X@C "
MT6DM,30T#?#G#-#L4PM9,38*H -@\$]"_(D!H"0J'[2L,,.WV1@-A/QM [0_N
M% R"!_ \$T0\$)0`1/ 6U--5% Z<JL&X!/ 0%"Q>#G@+B(@_G0>IN^/[?8&8 (P
M\5_R:TY3G8 ED(WQ2G5 0"!D,#<QL#\$Y/F RD#HZ,! '@4\$I&]9_M]E10W_=0
M\FN#;!&@-7% `9 34!HN!;!G^Q_V/G5B:@<B,?T_FM;05!24T!324<Z,C@%
M`%WC?9\$;0\$U08IKAZG_K@WPS-NSW%\$+\$\NWV"H5(NSGA-&%0@-\$Z53NB:(\$P
M[R8RF(4CN"4!90\$A(:,\$D/TFL# ,1X"4P%U A<!YP+ED=*W,_?)SS,3&P3C54
M?D%*1@7_!PX:A AN%L\$`12@`P`0\$ \$` ` ` ` ` \$ `!S# 5/\$T@FR[
C`4 ` ` ` ` 5/\$T@FR[1X'/0`!` ` ` `!0` ` `%)%.B ` ` ` `NZP`
,

end

From ku0g@sprynet.com Mon Jul 08 00:04:06 1996
Received: from m1.sprynet.com (m1.sprynet.com [165.121.1.97]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id AAA18965 for <aprssig@tapr.org>; Mon, 8 Jul 1996
00:04:04 -0500 (CDT)
From: ku0g@sprynet.com
Received: from [199.174.141.18] (ad14-018.compuserve.com [199.174.141.18]) by
m1.sprynet.com (8.6.12/8.6.12) with SMTP id WAA00159 for <aprssig@tapr.org>; Sun,
7 Jul 1996 22:01:51 -0700
Date: Sun, 7 Jul 1996 22:01:51 -0700
Message-Id: <199607080501.WAA00159@m1.sprynet.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Subject: Re: [APRSSIG:2903] SAREX data needed
To: aprssig@tapr.org
In-Reply-To: <Pine.SUN.3.91.960707233246.16285L-1000000@arctic>
X-Mailer: SPRY Mail Version: 04.00.06.21

Per your request....

KU0G-8 3916.83N/09444.76W Weather Uplink Station

Beacon Text: [EM29pg] Kansas City = Jim

Best 73,
Jim Duncan, KU0G
APRS--Kansas City Coordinator
EMail: ku0g@sprynet.com

From kc5ejk@onramp.net Mon Jul 08 02:39:18 1996
Received: from mailhost.onramp.net (mailhost.onramp.net [199.1.11.3]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id CAA26940 for <aprssig@tapr.org>; Mon, 8 Jul 1996 02:39:17 -0500 (CDT)
Received: from [199.1.11.111] (dal11.onramp.net [199.1.11.111]) by mailhost.onramp.net (8.7.3/8.6.5) with SMTP id CAA08776 for <aprssig@tapr.org>; Mon, 8 Jul 1996 02:39:12 -0500 (CDT)
Message-Id: <v02130500ae0649b4bee6@[199.1.11.115]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Mon, 8 Jul 1996 02:39:21 -0500
To: aprssig@tapr.org
From: kc5ejk@onramp.net (Robert Winingham)
Subject: Possible Shuttle Ionization APRS reception

> Overflies Dallas, TX 12:21 8:21 7:21 6:21 5:21

I got this message today from w5rk n-- Ronald G. Parsons
in Austim TX, he is about 160 miles south of the Dallas /Ft Worth area.

He said:
> Don't know for sure if ... but at 7:25 CDT got
> KC5EJK>BEACON,RELAY*:[EM12ou] Ion trail
> Did you hear me?

I did not see Ron, but I did get two packets from
KB5RSY-10 which Ron said was their WIDE digi -just a few miles
north of Austin.

KB5RSY-10>RELAY*>ID:KB5RSY-10/R WIDE/D KB5RSY-1/B RELAY/N
This was the first time I have seen KB5RSY in my Mac APRS station
log and that logs goes back to Feb 1995

We do not have any HF gate way in the Dallas Area and if Ron only saw the
Beacon around the 7:21 time frame , then I guess it bounced.

I started my 45 Watt -Omni beacon running from 6:30 am CDT to 8:00 am
at a once per min rate.

I was sending :
KC5EJK>RELAY*>BEACON:[EM12ou] Ion trail

and another DFW APRS users KI5VM then set his station to:

KI5VM*>RELAY>APRS:@070633/Happy "Trails"

I used the Dallas 146.880 repeater to give a heads up about the fly over as I scanned the sky looking for the shuttle and we were able to get reports of the sonic boom as it went from West to East. We then got a last report of the boom from Nacogdoches, 140 miles South-East of Dallas. I should have given the local HAMS more warning as the few that were on the air had a fun time watching and listening to the BOOM !

We had some clouds in the area and I did not spot the shuttle.

I tried using the internet IP address of 128.2.230.10 and the Cu-SEEme video software to watch the NASA video feed of the ground track, as I waited outside, but the track picture was too small. The Video camera inside the shuttle showed some great landing pictures.

73

Bob - Dallas, TX --- kc5ejk@onramp.net or kc5ejk@amsat.org ---

From james-m@ix.netcom.com Mon Jul 08 03:53:49 1996
Received: from dfw-ix8.ix.netcom.com (dfw-ix8.ix.netcom.com [206.214.98.8]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id DAA29058 for <aprssig@tapr.org>; Mon, 8 Jul 1996 03:53:48 -0500 (CDT)
Received: from #james-m (sav-ga1-02.ix.netcom.com [205.184.8.34]) by dfw-ix8.ix.netcom.com (8.6.13/8.6.12) with SMTP id BAA09425 for <aprssig@tapr.org>; Mon, 8 Jul 1996 01:53:31 -0700
Message-ID: <31E0B777.3F01@ix.netcom.com>
Date: Mon, 08 Jul 1996 03:23:35 -0400
From: Don Murray <james-m@ix.netcom.com>
Organization: AE4BR
X-Mailer: Mozilla 3.0b4 (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Older KPC-3 cfg help needed
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I am having a little trouble getting my older KPC-3 TNC up and running with aprs. It doesn't want to initialize for some reason. Would one of you kind people please send me you inittnc.cfg and aprs??.cfg files for the kpc-3.

Thanks
Don

From ldajz@epix.net Mon Jul 08 04:30:55 1996
Received: from epix.net (root@grape.epix.net [199.224.64.22]) by tapr.org

(8.7.5/8.7.3/1.9) with ESMTP id EAA29877 for <aprssig@tapr.org>; Mon, 8 Jul 1996 04:30:53 -0500 (CDT)

Received: from 199.224.65.198 (clsm-65ppp198.epix.net [199.224.65.198]) by epix.net (8.7.5/8.7.5) with SMTP id FAA15572 for <aprssig@tapr.org>; Mon, 8 Jul 1996 05:23:44 -0400 (EDT)

Message-ID: <31E09E79.240F@epix.net>

Date: Mon, 08 Jul 1996 05:36:57 +0000

From: Lorie and/or Al Zelna <ldajz@epix.net>

X-Mailer: Mozilla 2.0 (Macintosh; I; 68K)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: NE PA Wide

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Howdy folks,

One of the larger Hamfests in NE PA was the setting for an APRS demo yesterday morning. K3CSG-5, which has recently received a 7 dBi vertical, performed rather well until air temps. reached near 90 degrees at the site. This was the end of our digipeating, since our rig shut down.

Those of you in Southern EPA may hear it off of its first WIDE at times.

73 de N3KAE

From kml@conknet.com Mon Jul 08 05:21:53 1996

Received: from mountk.conknet.com (mountk.conknet.com [204.165.214.70]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id FAA01837 for <aprssig@tapr.org>; Mon, 8 Jul 1996 05:21:52 -0500 (CDT)

Received: from 206.32.5.80 ([206.32.5.80]) by mountk.conknet.com with SMTP; Mon, 8 Jul 1996 6:21:49 -0400 (EDT)

Message-ID: <31E0A8DC.521F@conknet.com>

Date: Mon, 08 Jul 1996 06:21:16 +0000

From: "Daniel G. Morgan" <kml@conknet.com>

Organization: KML Scientific Inc.

X-Mailer: Mozilla 2.0 (Macintosh; I; PPC)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: Re: [APRSSIG:2888] Re: Mobile

References: <19960707224740764.AAA66@rhost.itexas.net>

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

To Roy N5TAM and other KPC3/GPS45 users.

I run the KPC3/GPS45 as a mobile standalone tracker and have provided power to the units from the auto supply by running three cables into the DB25 connector that plugs into the back of the KPC3 (**making no modifications to the KPC3).

Three cables as follows:

- 1) auto power +/- leads
- 2) GPS45 power/data cable
- 3) short (4 inches) 2-wire with KPC power jack connected to it.

Connect together the (+) power from the auto power cable, the red of the GPS and the center pin of the KPC jack inside of the connector shell. The data cable brown to pin 2, white to pin 3 and black to pin 1 or 7. Ground (-) from the auto and short KPC cable also to pin 1 or 7.

This sounds like a bunch of stuff, but works out slick! Use the power jack that came with the KPC3, it is the right one, there are at least two other sizes that look like they will fit, but check first for the right combo of id and od of the pin/shell.

**If you make the mod suggested in the KPC manual on page 96, you will supply 13.8 Vdc from the auto a to the 9v internal battery (if installed). This is not good!! No warning about this in the manual!

Good thing about wiring out of the DB25 into the external jack is the battery will be out of the circuit as long as the plug is in. Then if you use the KPC portable in another setup you can get the battery back when the plug is removed from the KPC3.

73 Dan W1UR

From BordingK@aol.com Mon Jul 08 06:22:50 1996

Received: from emout09.mail.aol.com (emout09.mx.aol.com [198.81.11.24]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id GAA03457 for <aprssig@tapr.org>; Mon, 8 Jul 1996 06:22:48 -0500 (CDT)

From: BordingK@aol.com

Received: by emout09.mail.aol.com (8.6.12/8.6.12) id HAA19480 for aprssig@tapr.org; Mon, 8 Jul 1996 07:23:37 -0400

Date: Mon, 8 Jul 1996 07:23:37 -0400

Message-ID: <960708072337_571885294@emout09.mail.aol.com>

To: aprssig@tapr.org

Subject: Re: [APRSSIG:2484] Garmin 45 vs Magellen trailblazer

My military unit has 30, yes 30 Trailblazer M's (with Military Grid Reference System MGRS) our experience is:

1. M does NOT have 99 KNOT limit, we use them in Apache Helicopters.
2. Only about 4 hours! (unfortunately) of battery life (3 AA batteries).
3. We bought these because they were cheap, had MGRS, detachable Ant with holder included.
4. Worked well all over the world. I've added Paccomm/Trimble ant and it is awesome, but the magnet can't be used in aircraft.

Ken KF4COH

Jax, FL

From jratchf@bulldog.afsc.k12.ar.us Mon Jul 08 07:47:02 1996

Received: from bulldog.afsc.k12.ar.us (root@[170.211.157.174]) by tapr.org

(8.7.5/8.7.3/1.9) with SMTP id HAA06180 for <aprssig@tapr.org>; Mon, 8 Jul 1996 07:46:58 -0500 (CDT)
Received: from jratchf.bulldog.afsc.k12.ar.us (slip1.afsc.k12.ar.us [170.211.157.175]) by bulldog.afsc.k12.ar.us (8.6.11/8.6.9) with SMTP id HAA07875 for <aprssig@tapr.org>; Mon, 8 Jul 1996 07:46:57 -0500
Message-Id: <199607081246.HAA07875@bulldog.afsc.k12.ar.us>
From: "J. Scott Ratchford, KC5JGV" <jratchf@bulldog.afsc.k12.ar.us>
To: <aprssig@tapr.org>
Subject: Re: [APRSSIG:2893] APSRSIG
Date: Mon, 8 Jul 1996 07:36:27 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1085
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

> I am trying to get started with APRS here in Baton Rouge, Louisiana. Is

> there anyone locally that is up and running with APRS? I can't seem to
> get any stations to display on my maps, but I am receiving a few
> stations from other areas.
> --
> -----
> Rhett Westerman KD6MRG
> rhettw@tyrell.net
> WWW Home Page <http://www.tyrell.net/~rhettw/INDEX.HTML>
> -----

I had that problem too! But after a YEAR of getting folks to "just try it", I put a dedicated digi up on a mountain top here in North Central Arkansas and viola!

--
KC5JGV
Marshall, Arkansas

From jratchf@bulldog.afsc.k12.ar.us Mon Jul 08 08:33:52 1996
Received: from bulldog.afsc.k12.ar.us (root@[170.211.157.174]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id IAA08372 for <aprssig@tapr.org>; Mon, 8 Jul 1996 08:33:49 -0500 (CDT)
Received: from jratchf.bulldog.afsc.k12.ar.us (slip1.afsc.k12.ar.us [170.211.157.175]) by bulldog.afsc.k12.ar.us (8.6.11/8.6.9) with SMTP id IAA08128 for <aprssig@tapr.org>; Mon, 8 Jul 1996 08:33:45 -0500
Message-Id: <199607081333.IAA08128@bulldog.afsc.k12.ar.us>
From: "J. Scott Ratchford, KC5JGV" <jratchf@bulldog.afsc.k12.ar.us>
To: "aprssig taprorg" <aprssig@tapr.org>
Subject: maps....again!
Date: Mon, 8 Jul 1996 07:55:13 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1085

MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

In the MAPS-CD.TXT file in the readme directory the following is listed:

"USGSMAPI.BAS: This is a modified version of MAKEMAPI.bas by Dan Reilly, W4NMK in North Carolina which will work directly on USGS files obtained over the internet. Get these maps from:

[http://edcftp.cr.usgs.gov/pub/data/DLG/2M/{area of interest}/
/{transportation/hydrographic/political/railroads}/](http://edcftp.cr.usgs.gov/pub/data/DLG/2M/{area of interest}/{transportation/hydrographic/political/railroads}/)

Chose the area of interest and the features from the menu. You will then generate ROADS.GRA, WATER_BO.GRA, STREAMS.GRA, POLITICA.GRA and RAILROAD.GRA. Combine these all into one file. One way is with the COPY command:

Copy ROADS.GRA+WATER_BO.GRA+STREAMS.GRA+POLITICA.GRA+RAILROAD.GRA
ALLSTUFF.GRA"

I looked in this area and could not find the "GRA" extension files. Has the data changed since this was written?

JSR

--

KC5JGV

Marshall, Arkansas

From crawford@vt8200.vetmed.lsu.edu Mon Jul 08 08:39:00 1996
Received: from vt8200.vetmed.lsu.edu (vt8200.vetmed.lsu.edu [130.39.129.64]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id IAA08627 for <aprssig@tapr.org>; Mon, 8 Jul 1996 08:38:54 -0500 (CDT)
Date: Mon, 8 Jul 1996 08:35:56 -0500
Message-Id: <96070808355687@vt8200.vetmed.lsu.edu>
From: crawford@vt8200.vetmed.lsu.edu (Dr. Pat M Crawford - Louisiana State University (SVM))
To: aprssig@tapr.org
Subject: Re: [APRSSIG:2893] APSRSIG
X-VMS-To: SMTP%"aprssig@tapr.org"

Rhett:

APRS is alive in Baton Rouge, LA. I have been out of town for the last few weeks. Call 766-6599 (home); 346-3210 (office).

Thanks,

M.Pat Crawford - K5AHE

From ke4eer@worldnet.att.net Mon Jul 08 09:28:03 1996
Received: from mailhost.worldnet.att.net (mailhost.worldnet.att.net [204.127.129.4]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id JAA10471 for <aprssig@tapr.org>; Mon, 8 Jul 1996 09:28:01 -0500 (CDT)
Received: by mailhost.worldnet.att.net (SMI-8.6/SMI-SVR4)
id OAA29460; Mon, 8 Jul 1996 14:27:29 GMT

Received: from 102.middleton-57.va.dial-access.att.net(207.116.6.102)
by mailhost.worldnet.att.net with SMTP
id A29372; Mon Jul 8 14:27:10 1996

Message-ID: <31E136CF.2EF6@worldnet.att.net>
Date: Mon, 08 Jul 1996 09:26:55 -0700
From: William Nolle <ke4eer@worldnet.att.net>
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:2914] maps....again!
References: <199607081333.IAA08128@bulldog.afsc.k12.ar.us>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

J. Scott Ratchford, KC5JGV wrote:

>
> In the MAPS-CD.TXT file in the readme directory the following is listed:
>
> "USGSMAP1.BAS: This is a modified version of MAKEMAP1.bas by Dan Reilly,
> W4NMK in North Carolina which will work directly on USGS files obtained
> over the internet. Get these maps from:
>
> [http://edcftp.cr.usgs.gov/pub/data/DLG/2M/{area of interest}](http://edcftp.cr.usgs.gov/pub/data/DLG/2M/{area of interest}{/transportation/hydrographic/political/railroads}/)
> [/{transportation/hydrographic/political/railroads}/](http://edcftp.cr.usgs.gov/pub/data/DLG/2M/{area of interest}{/transportation/hydrographic/political/railroads}/)
>
> Chose the area of interest and the features from the menu. You will then
> generate ROADS.GRA, WATER_BO.GRA, STREAMS.GRA, POLITICA.GRA and RAILROAD.
> GRA. Combine these all into one file. One way is with the COPY command:
>
> Copy ROADS.GRA+WATER_BO.GRA+STREAMS.GRA+POLITICA.GRA+RAILROAD.GRA
> ALLSTUFF.GRA"
>
> I looked in this area and could not find the "GRA" extension files. Has
> the data changed since this was written?
>
> JSR
> --
> KC5JGV
> Marshall, Arkansas

I don't think, in fact i know this is not the case anymore. They have
changed file formats for the 2m files and at least i have made several
attempts to use the new format with 0 success. Thankfully i still have the
old files for my state.

--

Bill WA8INZ
ke4eer@worldnet.att.net
ke4eer@amsat.org

From BordingK@aol.com Mon Jul 08 09:45:50 1996
Received: from emout14.mail.aol.com (emout14.mx.aol.com [198.81.11.40]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id JAA11051 for <aprssig@tapr.org>; Mon, 8
Jul 1996 09:45:48 -0500 (CDT)

From: BordingK@aol.com
Received: by emout14.mail.aol.com (8.6.12/8.6.12) id KAA04711 for
aprssig@tapr.org; Mon, 8 Jul 1996 10:46:28 -0400
Date: Mon, 8 Jul 1996 10:46:28 -0400
Message-ID: <960708104626_151081733@emout14.mail.aol.com>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:2912] Re: Garmin 45 vs Magellen trailblazer

I sent this message out 7-10 days ago and it just now is delivered to the
SIG!. What's the story?

KF4COH

From dkaplan@pionet.net Mon Jul 08 10:24:48 1996
Received: from ELWOOD.pionet.net (ELWOOD.pionet.net [199.120.116.1]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id KAA12880 for <aprssig@tapr.org>; Mon, 8 Jul 1996
10:24:47 -0500 (CDT)
Received: from pm1_102.pionet.net by ELWOOD.pionet.net;
(5.65v3.0/1.1.8.2/030ct95-1046AM)
id AA22088; Mon, 8 Jul 1996 10:30:17 -0500
Date: Mon, 8 Jul 1996 10:30:17 -0500
Message-Id: <9607081530.AA22088@ELWOOD.pionet.net>
X-Sender: dkaplan@elwood.pionet.net
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: Dave Kaplan <dkaplan@pionet.net>
Subject: Re: [APRSSIG:2916] Re: maps....again!

At 09:35 AM 7/8/96 -0500, you wrote:

>J. Scott Ratchford, KC5JGV wrote:

>>

>> In the MAPS-CD.TXT file in the readme directory the following is listed:

<snip>

>> I looked in this area and could not find the "GRA" extension files. Has

>> the data changed since this was written?

<snip>

>I don't think, in fact i know this is not the case anymore. They have
>changed file formats for the 2m files and at least i have made several
>attempts to use the new format with 0 success. Thankfully i still have the
>old files for my state.

There has been a change. I person (the name is at home) wrote a QBASIC
program that is available on the TAPR server called NU_2MEG.ZIP. I have
used it to make about 70 maps and it works pretty well. The only problem
that I know of is that, after the map is made, you have to make a small

adjustment to the longitude is there is some error in the conversion from USGS to APRS format.

If you only need one or two maps I could probably whip them out for you. Contact me direct at "dkaplan@pionet.net". If you would like to take a look at some of the maps I have made using this program download "NEMAPS01.ZIP" from TAPR upload directory. There are 30 some maps at the 32 mile range as well as a State map that has all counties shown.

Dave

From David_McCarthy-RXYH90@email.sps.mot.com Mon Jul 08 12:00:27 1996
Received: from spsgate.sps.mot.com (spsgate.sps.mot.com [192.70.231.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id MAA17482 for <aprssig@tapr.org>; Mon, 8 Jul 1996 12:00:25 -0500 (CDT)
From: David_McCarthy-RXYH90@email.sps.mot.com
Received: from mogate (mogate.sps.mot.com) by spsgate.sps.mot.com (4.1/SMI-4.1/Email 2.1 10/25/93)
id AA01335 for aprssig@tapr.org; Mon, 8 Jul 96 10:00:21 MST
Received: from azdc.sps.mot.com ([222.90.5.3]) by mogate (4.1/SMI-4.1/Email-2.0)
id AA07715 for aprssig@tapr.org; Mon, 8 Jul 96 10:00:19 MST
Received: by azdc.sps.mot.com
(1.38.193.5/16.2) id AA13710; Mon, 8 Jul 1996 12:00:18 -0500
Received: by email.sps.mot.com via Worldtalk with X400 (3.0.4/1.64)
id WT12836.12; Mon, 08 Jul 1996 12:00:18 CDT
Date: 8 Jul 96 10:05:00 -0500
To: aprssig@tapr.org
Subject: Help - Unsubscribe!
Message-Id: <M683197.001.8hw70.1.960708170006Z.CC-MAIL*/OU=52CC9/OU=AZDC/PRMD=MOT/ADMD=MOT/C=US/@MHS>

How do I get off this list. I have subscribed from another email account and want to discontinue from this one. I have sent the messages to the listserv and a couple to the tapr address with no response or success. What should I try now?

David KC7AYX

From wickwire@mbunix.mitre.org Mon Jul 08 12:00:34 1996
Received: from mbunix.mitre.org (mbunix.mitre.org [129.83.20.100]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id MAA17500 for <aprssig@tapr.org>; Mon, 8 Jul 1996 12:00:29 -0500 (CDT)
Received: (from wickwire@localhost) by mbunix.mitre.org (8.7.5/8.7.3/mitre.0) id NAA29708; Mon, 8 Jul 1996 13:00:27 -0400 (EDT)
Date: Mon, 8 Jul 1996 13:00:27 -0400 (EDT)
From: Kenneth Dr Wickwire <wickwire@mbunix.mitre.org>
Subject: Re: [APRSSIG:2863] Re: APRS/TRANSPAC96 SPECIAL EVENT
To: aprssig@tapr.org
In-Reply-To: <960706170329_232117179@emout19.mail.aol.com>
Message-ID: <Pine.3.89.9607081207.A28721-01000000@mbunix.mitre.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Got a few here in eastern Mass. Ken KB1JY

On Sat, 6 Jul 1996 KD4EMI@aol.com wrote:

> In a message dated 96-07-06 15:58:34 EDT, you write:
>
> >ocal Packet BBS (APRS@ALLUS).
> > I have uplinked all on HF/10151 for any/all APRS HF to downlink to
> >their own area VHF stations. Would appreciate any reports on how far back
> >EAST/NW/SW/MidWEST any/all have copied.
>
> Getting them Here in South Florida pretty regularly...
> (I wonder if you guys out west ever see me ?)
>
> Mike KD4EMI@AOL.COM
> (gate on 10.151)
>
>

From jratchf@bulldog.afsc.k12.ar.us Mon Jul 08 13:00:50 1996
Received: from bulldog.afsc.k12.ar.us (root@[170.211.157.174]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id NAA20164 for <aprssig@tapr.org>; Mon, 8 Jul 1996
13:00:46 -0500 (CDT)
Received: from jratchf.bulldog.afsc.k12.ar.us (slip4.afsc.k12.ar.us
[170.211.157.178]) by bulldog.afsc.k12.ar.us (8.6.11/8.6.9) with SMTP id NAA09977
for <aprssig@tapr.org>; Mon, 8 Jul 1996 13:00:40 -0500
Message-Id: <199607081800.NAA09977@bulldog.afsc.k12.ar.us>
From: "J. Scott Ratchford, KC5JGV" <jratchf@bulldog.afsc.k12.ar.us>
To: <aprssig@tapr.org>
Subject: Re: [APRSSIG:2916] Re: maps....again!
Date: Mon, 8 Jul 1996 12:59:11 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1085
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

> attempts to use the new format with 0 success. Thankfully i still have
the
> old files for my state.

Don't reckon ya have Arkansas?

--
KC5JGV
Marshall, Arkansas

From hwm@netcom.com Mon Jul 08 14:22:07 1996
Received: from mm.wd6dod.ampr.org (hwm@netcom6.netcom.com [192.100.81.114]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id OAA23765 for <aprssig@tapr.org>; Mon, 8
Jul 1996 14:22:02 -0500 (CDT)

Received: (from Bob Lorenzini hwm@netcom.com) by mm.wd6dod.ampr.org (8.7.5/8.6.12)
id MAA00117; Mon, 8 Jul 1996 12:20:37 -0700
Date: Mon, 8 Jul 1996 12:20:37 -0700 (PDT)
From: Bob Lorenzini <hwm@netcom.com>
To: BordingK@aol.com
cc: aprssig@tapr.org
Subject: Re: [APRSSIG:2917] Re: Garmin 45 vs Magellen trailblazer
In-Reply-To: <960708104626_151081733@emout14.mail.aol.com>
Message-ID: <Pine.LNX.3.91.960708121923.113A-100000@mm.wd6dod.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Accessing the internet through AOL is like trying to suck the mississippi through a straw.

On Mon, 8 Jul 1996 BordingK@aol.com wrote:

> I sent this message out 7-10 days ago and it just now is delivered to the
> SIG!. What's the story?
>
> KF4COH
>
>
>
>

From fmcjunki@cks.ssd.k12.wa.us Mon Jul 08 15:11:40 1996
Received: from ssd.k12.wa.us (cks.ssd.k12.wa.us [198.104.244.101]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id PAA25284 for <aprssig@tapr.org>; Mon, 8 Jul 1996
15:11:39 -0500 (CDT)
Received: from localhost by ssd.k12.wa.us (4.1/SMI-4.1)
id AA29563; Mon, 8 Jul 96 13:06:04 PDT
Date: Mon, 8 Jul 1996 13:06:04 -0700 (PDT)
From: Frank McJunkins <fmcjunki@cks.ssd.k12.wa.us>
X-Sender: fmcjunki@cks
To: aprssig@tapr.org
Subject: Garmin 45
Message-Id: <Pine.SUN.3.92.960708130304.29498A-100000@cks>
Mime-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Is there some way to start up the Garmin 45 without pushing the red power button? IE: Perhaps some command that can be issued through the I/O which will allow the 45 to start when external power is supplied? I'd like to mount the Garmin and a KPC-3 remotely and have them power up and start when I command them, rather than having to leave them on the B+.

From n2czf@magg.net Mon Jul 08 16:26:03 1996
Received: from grumpy.magg.net (root@grumpy.magg.net [205.218.112.2]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id QAA28198 for <aprssig@tapr.org>; Mon, 8 Jul 1996

16:26:01 -0500 (CDT)

Received: from Cybergate (wpb-146.magg.net [205.218.112.146]) by grumpy.magg.net (8.7.5/8.7.3) with SMTP id RAA09960 for <aprssig@tapr.org>; Mon, 8 Jul 1996

17:23:22 -0400

Date: Mon, 8 Jul 1996 17:23:22 -0400

Message-Id: <199607082123.RAA09960@grumpy.magg.net>

X-Sender: n2czf@magg.net

X-Mailer: Windows Eudora Version 1.4.3

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

To: aprssig@tapr.org

From: n2czf@magg.net (Richard Garcia)

Subject: Re: [APRSSIG:2912] Re: Garmin 45 vs Magellen trailblazer

>My military unit has 30, yes 30 Trailblazer M's (with Military Grid Reference
>System MGRS) our experience is:

>is awesome, but the magnet can't be used in aircraft.

>

>Ken KF4COH

>Jax, FL

Hey Ken you say that the magnet can't be used in aircraft.... So at what
speed did it finally tear off! hi hi

73's Rich N2CZF

n2czf@magg.net

<http://www.magg.net/~n2czf> (Personal)

<http://www.magg.net/~n2czf/aprs.html> (Florida APRS)

Jupiter Farms Florida EL96

From bruninga@nadm.navy.mil Mon Jul 08 18:18:20 1996

Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id SAA02304 for <aprssig@tapr.org>; Mon, 8
Jul 1996 18:18:18 -0500 (CDT)

Received: (from bruninga@localhost) by arctic.nadm.navy.mil (8.6.12/8.6.12) id
TAA19290; Mon, 8 Jul 1996 19:19:17 -0400

Date: Mon, 8 Jul 1996 19:19:16 -0400 (EDT)

From: Bob Bruninga <bruninga@nadm.navy.mil>

To: aprssig@tapr.org

Subject: Hurrican Warnings to UYR

Message-ID: <Pine.SUN.3.91.960708191605.19227A-1000000@arctic>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

I am seeing a good plot of the Hurricane, but I notice that the format is
written as

085^095/982/115&200

but it should be written as

085^095/982>115&200

Without the > symbol, the 115 mile radius of maximum HC winds is not

being plotted. I dont know if this is a one-time typo, or UYR is doing this conisitently. Can someone get to him? My mailer just will not work with his EMAIL address...

de wb4apr@amsat.org

From ke4eer@worldnet.att.net Mon Jul 08 18:30:27 1996
Received: from mailhost.worldnet.att.net (mailhost.worldnet.att.net [204.127.129.3]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id SAA02582 for <aprssig@tapr.org>; Mon, 8 Jul 1996 18:30:25 -0500 (CDT)
Received: by mailhost.worldnet.att.net (SMI-8.6/SMI-SVR4) id XAA03022; Mon, 8 Jul 1996 23:29:53 GMT
Received: from 49.bridgeton-3.mo.dial-access.att.net(199.69.38.49) by mailhost.worldnet.att.net with SMTP id A2808; Mon Jul 8 23:29:39 1996
Message-ID: <31E1B5F2.5064@worldnet.att.net>
Date: Mon, 08 Jul 1996 18:29:22 -0700
From: William Nolle <ke4eer@worldnet.att.net>
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:2919] Help - Unsubscribe!
References: <M683197.001.8hw70.1.960708170006Z.CC-MAIL*/OU=52CC9/OU=AZDC/PRMD=MOT/ADMD=MOT/C=US/@MHS>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

David_McCarthy-RXYH90@email.sps.mot.com wrote:

>
> How do I get off this list. I have subscribed from another email account and
> want to discontinue from this one. I have sent the messages to the listserv and
> a couple to the tapr address with no response or success. What should I try
> now?
>
> David KC7AYX

The address below will take you to a site where you can take care of it.

<http://www.tapr.org/tapr/html/sigs.html#listserv>

--

Bill WA8INZ
ke4eer@worldnet.att.net
ke4eer@amsat.org

From ke4eer@worldnet.att.net Mon Jul 08 18:32:22 1996
Received: from mailhost.worldnet.att.net (mailhost.worldnet.att.net [204.127.129.3]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id SAA02611 for <aprssig@tapr.org>; Mon, 8 Jul 1996 18:32:20 -0500 (CDT)
Received: by mailhost.worldnet.att.net (SMI-8.6/SMI-SVR4) id XAA04062; Mon, 8 Jul 1996 23:31:47 GMT
Received: from 49.bridgeton-3.mo.dial-access.att.net(199.69.38.49) by mailhost.worldnet.att.net with SMTP

id A3777; Mon Jul 8 23:31:24 1996
Message-ID: <31E1B65B.2A6B@worldnet.att.net>
Date: Mon, 08 Jul 1996 18:31:07 -0700
From: William Nolle <ke4eer@worldnet.att.net>
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:2921] Re: maps....again!
References: <199607081800.NAA09977@bulldog.afsc.k12.ar.us>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

J. Scott Ratchford, KC5JGV wrote:

>
> > attempts to use the new format with 0 success. Thankfully i still have
> the
> > old files for my state.
>
> Don't reckon ya have Arkansas?
>
> --
> KC5JGV
> Marshall, Arkansas

No sorry can't help you there.

--
Bill WA8INZ
ke4eer@worldnet.att.net
ke4eer@amsat.org

From ke4eer@worldnet.att.net Mon Jul 08 18:43:47 1996
Received: from mailhost.worldnet.att.net (mailhost.worldnet.att.net
[204.127.129.3]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id SAA03085 for
<aprssig@tapr.org>; Mon, 8 Jul 1996 18:43:44 -0500 (CDT)
Received: by mailhost.worldnet.att.net (SMI-8.6/SMI-SVR4)

id XAA11606; Mon, 8 Jul 1996 23:43:12 GMT
Received: from 49.bridgeton-3.mo.dial-access.att.net(199.69.38.49)
by mailhost.worldnet.att.net with SMTP
id A11425; Mon Jul 8 23:43:06 1996

Message-ID: <31E1B917.6DEF@worldnet.att.net>
Date: Mon, 08 Jul 1996 18:42:47 -0700
From: William Nolle <ke4eer@worldnet.att.net>
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: DFjr question
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Several times now i have attempted to find out what size connectors the DFjr
has so i can order the correct once for a junction box i am going to make.
Agrelo is to busy to answer my questions :-((I guess i have to many). The MPA

adaptor has input for GPS (What size connector) because i noticed that it comes in 3 flavors, Also the power connectors used in the DFjr, also 3 flavors available. Now some of these look the same but OD and ID are very important. And since all DFjr owners are going to want to know it would be great for somebody that has the inside information to post it here PLEASE!.

--

Bill WA8INZ
ke4eer@worldnet.att.net
ke4eer@amsat.org

From ke4eer@worldnet.att.net Mon Jul 08 19:58:28 1996
Received: from mailhost.worldnet.att.net (mailhost.worldnet.att.net [204.127.129.3]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id TAA06272 for <aprssig@tapr.org>; Mon, 8 Jul 1996 19:58:26 -0500 (CDT)
Received: by mailhost.worldnet.att.net (SMI-8.6/SMI-SVR4) id AAA29056; Tue, 9 Jul 1996 00:57:54 GMT
Received: from 45.bridgeton-3.mo.dial-access.att.net(199.69.38.45) by mailhost.worldnet.att.net with SMTP id A28883; Tue Jul 9 00:57:38 1996
Message-ID: <31E1CA97.682E@worldnet.att.net>
Date: Mon, 08 Jul 1996 19:57:27 -0700
From: William Nolle <ke4eer@worldnet.att.net>
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: DFjr Card
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have uploaded my final,final,final DFjr quick reference card file to Tapr. Per a request i added a format the Mac can handle. The formats now include the following EPS,GIF,PCX,TIF if you can't handle that you have problems Hi. Not only that the file is getting so big *How big is it) well it's now 352.650 bytes for a simple quick reference card for your DFjr to put on your sunvisor of your car, that's as big as some of my maps files :-)

--

Bill WA8INZ
ke4eer@worldnet.att.net
ke4eer@amsat.org

From wbliss@coastside.net Mon Jul 08 21:51:37 1996
Received: from poseidon (www.coastside.net [205.162.38.5]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id VAA10589 for <aprssig@tapr.org>; Mon, 8 Jul 1996 21:51:30 -0500 (CDT)
Received: from LOCALNAME ([205.162.38.75]) by poseidon (8.6.11/8.6.12) with SMTP id TAA27112; Mon, 8 Jul 1996 19:47:11 -0700
Date: Mon, 8 Jul 1996 19:47:11 -0700
Message-Id: <199607090247.TAA27112@poseidon>
X-Sender: wbliss@mail.coastside.net (Unverified)
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

To: wb4apr@amsat.org
From: "William B. Bliss/WB6LPG" <wbliss@coastside.net>
Subject: HF Packet transmission length
Cc: aprssig@tapr.org

Hi Bob,

Just occurred in Uplinking lengthy S/V posit reports, they tend to bunch up, and APRS HF side tries to send all in one lengthy packet. Know that long packet bursts on HF go uncopiable and are lost. Only the shorter length 2-3-4 second ones seem to get through.

Any way of programing the HF side, to only send short 180/256 bit sized packets at a time, and in sequence if a large number to send, depending on how many stored in a outgoing send buffer. Possible could help getting more HF packets readable.

I sit here watching KAM+ , HF side, good strong HF packets, good S-meter reading and steady RED light, yet none print out, especially longer ones. Lot packet info on air, but just does'nt get GATED to VHF side or even copied on bottom line of APRS. Short ones can bearly hear, appear on bottom line of APRS, but not gated to VHF either.

Strong static crashes I know kills a lot of the HF packets. But the long time wise lengthy ones are useless..

Your Ideas, opinion desired. Thanks.. How bout some uplinks of Yachting Acadamey boats, in Eastern US. We gotta get these Yachts man into APRS.

TRANSPAC, race to Hawaii, from Los Angeles, San Diego started today, but I queered Southern Calif, but no APRS activity on that race.

73's & Enjoy, Bill/WB6LPG

NNNN

WBB/WB6LPG

From n2czf@magg.net Mon Jul 08 22:03:19 1996
Received: from grumpy.magg.net (root@grumpy.magg.net [205.218.112.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id WAA10913 for <aprssig@tapr.org>; Mon, 8 Jul 1996 22:03:16 -0500 (CDT)
Received: from Cybergate (wpb-156.magg.net [205.218.112.156]) by grumpy.magg.net (8.7.5/8.7.3) with SMTP id XAA23552 for <aprssig@tapr.org>; Mon, 8 Jul 1996 23:00:30 -0400
Date: Mon, 8 Jul 1996 23:00:30 -0400
Message-Id: <199607090300.XAA23552@grumpy.magg.net>
X-Sender: n2czf@magg.net
X-Mailer: Windows Eudora Version 1.4.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: n2czf@magg.net (Richard Garcia)
Subject: Re: [APRSSIG:2925] Hurrican Warnings to UYR

I have been mentioning to Kevin that I too have e-mail problems with his address. I have had them on and off for most of this year. I am glad that I am not the only one, for a while there I thought that my server and his did not like each other. Started wondering less after I changed servers and still had a problem.

>being plotted. I dont know if this is a one-time typo, or UYR is doing
>this conisitently. Can someone get to him? My mailer just will not work
>with his EMAIL address...

>

>de wb4apr@amsat.org

>

>

73's Rich N2CZF

n2czf@magg.net

<http://www.magg.net/~n2czf> (Personal)

<http://www.magg.net/~n2czf/aprs.html> (Florida APRS)

Jupiter Farms Florida EL96

From kd4pdt@juno.com Mon Jul 08 22:37:16 1996

Received: from x3.boston.juno.com (x3.boston.juno.com [205.231.100.22]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id WAA12482 for <aprssig@tapr.org>; Mon, 8
Jul 1996 22:37:14 -0500 (CDT)

Received: (from kd4pdt@juno.com) by x3.boston.juno.com (queuemail)
id XAA24823; Mon, 08 Jul 1996 23:37:03 EDT

To: aprssig@tapr.org

Date: Mon, 8 Jul 1996 22:33:37 PST

Subject: Running APRS on MFJ TNC

Message-ID: <19960708.223350.6527.0.kd4pdt@juno.com>

X-Mailer: Juno 1.00

X-Juno-Line-Breaks: 6-7

From: kd4pdt@juno.com (Jackie N Cutchins)

I need some info if i can get it please.A friend of mine has a mfj 1278
multi mode tnc it works great on packet but when he loads up APRS it
seems to be transmitting ok but receive is in comp language ,I have
tried to help him with his problem but have had no luck. I also use a
MFJ 1270b and have had no problems getting it to work. Any help you can
give us will greatly be appreciated.thank you in advance. Jackie N
Cutchins [KD4PDT]
E-MAIL ADDRESS IS kd4pdt@juno.com

From n8chb@tir.com Mon Jul 08 23:29:05 1996

Received: from tir.com (sun.tir.com [205.138.41.6]) by tapr.org (8.7.5/8.7.3/1.9)
with ESMTP id XAA14594 for <aprssig@tapr.org>; Mon, 8 Jul 1996 23:29:03 -0500
(CDT)

Received: from n8chb.tir.com (an7liv.tir.com [205.218.84.9]) by tir.com
(8.7.5/8.7) with SMTP id AAA21416 for <aprssig@tapr.org>; Tue, 9 Jul 1996 00:25:41
-0400 (EDT)

Message-ID: <31E1D1C8.55FF@tir.com>

Date: Tue, 09 Jul 1996 04:28:08 +0100

From: Roger Breckon - N8CHB <n8chb@tir.com>

Reply-To: n8chb@tir.com

X-Mailer: Mozilla 3.0b5a (Win95; I)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: Re: [APRSSIG:2925] Hurrican Warnings to UYR

References: <Pine.SUN.3.91.960708191605.19227A-100000@arctic>

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Someone might also tell UYR that digi via LUS is fine but if one does not hear the digi the data will not gateway to vhf. I often hear UYR better direct but the call in the path stops the gateway from passing the position on to vhf.

Roger N8CHB

//////////

Bob Bruninga wrote:

>
> I am seeing a good plot of the Hurricane, but I notice that the format is
> written as
> 085^095/982/115&200
> but it should be written as
> 085^095/982>115&200
>
> WWithout the > symbol, the 115 mile radius of maximum HC winds is not
> being plotted. I dont know if this is a one-time typo, or UYR is doing
> this consisitently. Can someone get to him? My mailer just will not work
> with his EMAIL address...
>
> de wb4apr@amsat.org

From griffith@kvoa.com Mon Jul 08 23:33:26 1996

Received: from dakota_2 (webserver.dakotacom.net [206.137.80.3]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id XAA14981 for <aprssig@tapr.org>; Mon, 8 Jul 1996 23:33:24 -0500 (CDT)

Received: from 206.137.80.232 by dakota_2 (SMI-8.6/SMI-SVR4) id VAA07507; Mon, 8 Jul 1996 21:34:17 -0700

Message-ID: <31E1E0CA.431D@kvoa.com>

Date: Mon, 08 Jul 1996 21:32:10 -0700

From: Mike Griffith <griffith@kvoa.com>

Organization: KVOA Communications, Inc.

X-Mailer: Mozilla 2.02 (Macintosh; I; PPC)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: Re: [APRSSIG:2932] Running APRS on MFJ TNC

References: <19960708.223350.6527.0.kd4pdt@juno.com>

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Jackie N Cutchins wrote:

>A friend of mine has a mfj 1278 multi mode tnc it works great on packet >but when he loads up APRS it seems to be transmitting ok but ...

I am using the MFJ1278 with MacAPRS with no problem. I am quick to note that I reset the TNC (including yanking the jumper to the backup battery) before starting.

Everything else was 'plug-n-play'. (But then.. It IS a mac. :))

-Mike

--

=====
Michael Griffith WebMaster KVOA-TV4
griffith@kvoa.com http://www.kvoa.com Tucson, AZ
===== When The News Breaks.. We Fix It. =====

From christen@codger.physics.duq.edu Tue Jul 09 00:58:12 1996
Received: from infobahn.icubed.com (infobahn.icubed.com [199.234.114.2]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id AAA24618 for <aprssig@tapr.org>; Tue, 9
Jul 1996 00:58:10 -0500 (CDT)
Received: from wm10.icubed.com by infobahn.icubed.com;
(5.65/1.1.8.2/25Jun95-1044PM)
id AA14442; Tue, 9 Jul 1996 01:55:00 -0400
Sender: paul@infobahn.icubed.com
Message-Id: <31E1F46C.7B0017F1@codger.physics.duq.edu>
Date: Tue, 09 Jul 1996 01:55:56 -0400
From: "P. Christenson" <christen@codger.physics.duq.edu>
X-Mailer: Mozilla 3.0b4Gold (X11; I; Linux 1.2.13 i486)
Mime-Version: 1.0
To: aprssig@tapr.org
Subject: PIN Diodes
References: <31E1E0CA.431D@kvoa.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Does anyone know where I can find PIN diodes? I know that this isn't
really the proper place for such a request, but it's the only place I
check regularly..

I nneed them to make one of the "double ducky" direction finders. From
what I can tell, there isn't anything really critical about them, other
than I want some that are good for ~500 MHz.

If someone has a few suitable ones in their junk box, I'll gladly buy
them.

Paul [N3EOP]

From 100341.640@CompuServe.COM Tue Jul 09 04:07:27 1996
Received: from dub-img-2.compuserve.com (dub-img-2.compuserve.com
[149.174.206.132]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id EAA00996 for
<aprssig@tapr.org>; Tue, 9 Jul 1996 04:07:26 -0500 (CDT)
Received: by dub-img-2.compuserve.com (8.6.10/5.950515)
id FAA15975; Tue, 9 Jul 1996 05:05:50 -0400
Date: 09 Jul 96 05:03:04 EDT
From: Antonio Fernandez <100341.640@CompuServe.COM>
To: APRS SIG <aprssig@tapr.org>
Cc: Dave <ki5vm@flash.net>
Subject: GPS-20 and Garmin protocol
Message-ID: <960709090304_100341.640_EHQ122-2@CompuServe.COM>

Thank you very much for your response Dave.

>The Garmin communication program must see the "Garmin" protocol, not
>the NEMA output string. The assembled units ie. the Garmin 40, garmin45
>etc. have this protocol available in the I/O setup.

Does anybody know how to make the GPS-20 talk Garmin
instead NMEA?

Best 73 de Toni, ea4le

From jratchf@bulldog.afsc.k12.ar.us Tue Jul 09 06:53:05 1996
Received: from bulldog.afsc.k12.ar.us (root@[170.211.157.174]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id GAA05185 for <aprssig@tapr.org>; Tue, 9 Jul 1996
06:53:03 -0500 (CDT)
Received: from jratchf.bulldog.afsc.k12.ar.us (slip2.afsc.k12.ar.us
[170.211.157.176]) by bulldog.afsc.k12.ar.us (8.6.11/8.6.9) with SMTP id GAA19637
for <aprssig@tapr.org>; Tue, 9 Jul 1996 06:53:00 -0500
Message-Id: <199607091153.GAA19637@bulldog.afsc.k12.ar.us>
From: "J. Scott Ratchford, KC5JGV" <jratchf@bulldog.afsc.k12.ar.us>
To: <aprssig@tapr.org>
Subject: Re: [APRSSIG:2928] DFjr question
Date: Tue, 9 Jul 1996 06:46:32 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1085
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

> comes in 3 flavors, Also the power connectors used in the DFjr, also 3
flavors
> available.
> Bill WA8INZ
> ke4eer@worldnet.att.net
> ke4eer@amsat.org

Better look in the shipping box! There is a power cable that came with it.

--
KC5JGV
Marshall, Arkansas

From b.gotshall@worldnet.att.net Tue Jul 09 07:29:46 1996
Received: from mailhost.worldnet.att.net (mailhost.worldnet.att.net
[204.127.129.4]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id HAA06109 for
<aprssig@tapr.org>; Tue, 9 Jul 1996 07:29:41 -0500 (CDT)
Received: by mailhost.worldnet.att.net (SMI-8.6/SMI-SVR4)
id MAA19375; Tue, 9 Jul 1996 12:29:09 GMT
Received: from 114.orlando-1.fl.dial-access.att.net(199.70.196.114)
by mailhost.worldnet.att.net with SMTP
id A19313; Tue Jul 9 12:28:39 1996

Message-ID: <31E2799D.666@worldnet.att.net>
Date: Tue, 09 Jul 1996 08:24:13 -0700
From: "B.G. Gotshall" <b.gotshall@worldnet.att.net>
X-Mailer: Mozilla 2.01E (Win16; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:2925] Hurrican Warnings to UYR
References: <Pine.SUN.3.91.960708191605.19227A-100000@arctic>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bob Bruninga wrote:

>
> I am seeing a good plot of the Hurricane, but I notice that the format is
> written as
> 085^095/982/115&200
> but it should be written as
> 085^095/982>115&200
>
> I dont know if this is a one-time typo, or UYR is doing
> this conisitently. Can someone get to him? My mailer just will not work
> with his EMAIL address...
>
> de wb4apr@amsat.org

I got him this morning at abt 0630 and it has been corrected...

Bud (WB4LTF

From bruninga@nadn.navy.mil Tue Jul 09 08:12:06 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id IAA07507 for <aprssig@tapr.org>; Tue, 9
Jul 1996 08:12:04 -0500 (CDT)
Received: (from bruninga@localhost) by arctic.nadn.navy.mil (8.6.12/8.6.12) id
JAA07736; Tue, 9 Jul 1996 09:13:04 -0400
Date: Tue, 9 Jul 1996 09:13:04 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:2932] Running APRS on MFJ TNC
In-Reply-To: <19960708.223350.6527.0.kd4pdt@juno.com>
Message-ID: <Pine.SUN.3.91.960709091134.6827D-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 8 Jul 1996, Jackie N Cutchins wrote:

> I need some info if i can get it please.A friend of mine has a mfj 1278
> multi mode tnc it works great on packet but when he loads up APRS it
> seems to be transmitting ok but receive is in comp language ,I have

APRSDos REPLY COMMENT: Check his PARITY setting. It must be NONE.
In old versions of APRS the command PAR 0 is in the SYSTEM\INITTAPR.TNC

file and should be changed to whatever your TNC needs. In later versions, I left this out so you can set it to anything you need..

de wb4apr@amsat.org

From ke4eer@worldnet.att.net Tue Jul 09 09:52:46 1996
Received: from mailhost.worldnet.att.net (mailhost.worldnet.att.net [204.127.129.4]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id JAA11537 for <aprssig@tapr.org>; Tue, 9 Jul 1996 09:52:44 -0500 (CDT)
Received: by mailhost.worldnet.att.net (SMI-8.6/SMI-SVR4) id OAA16455; Tue, 9 Jul 1996 14:52:12 GMT
Received: from 27.middleton-57.va.dial-access.att.net(207.116.6.27)

by mailhost.worldnet.att.net with SMTP
id A16310; Tue Jul 9 14:51:33 1996

Message-ID: <31E28DED.5D88@worldnet.att.net>
Date: Tue, 09 Jul 1996 09:50:53 -0700
From: William Nolle <ke4eer@worldnet.att.net>
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:2937] Re: DFjr question
References: <199607091153.GAA19637@bulldog.afsc.k12.ar.us>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

J. Scott Ratchford, KC5JGV wrote:

>
> > comes in 3 flavors, Also the power connectors used in the DFjr, also 3
> flavors
> > available.
> > Bill WA8INZ
> > ke4eer@worldnet.att.net
> > ke4eer@amsat.org
>
> Better look in the shipping box! There is a power cable that came with it.
>
> --
> KC5JGV
> Marshall, Arkansas

Yes i found that, but how about the GPS into the MPA board connector?.
Like i say i checked and that comes in 3 sizes all with different OD and ID
and if the center pin isn't just right it will not make good contact. Also i
would like to have spares (So why not list those in the manual)!.

--

Bill WA8INZ
ke4eer@worldnet.att.net
ke4eer@amsat.org

From jagrelo@cris.com Tue Jul 09 10:23:15 1996
Received: from franklin.cris.com (franklin.cris.com [199.3.12.31]) by tapr.org

(8.7.5/8.7.3/1.9) with ESMTP id KAA12531 for <aprssig@tapr.org>; Tue, 9 Jul 1996 10:23:13 -0500 (CDT)

Received: from darius.cris.com (darius [199.3.12.32])
by franklin.cris.com (8.7.5/(96/06/11 2.45))
id LAA01041; Tue, 9 Jul 1996 11:22:37 -0400 (EDT)
[1-800-745-2747 The Concentric Network]

Errors-To: jagrelo@cris.com

Received: from crc3.pop3.net (cnc059039.concentric.net [206.83.77.39])
by darius.cris.com (8.7.3)
id LAA17372; Tue, 9 Jul 1996 11:22:27 -0400 (EDT)

Message-ID: <31E2A463.1AC1@concentric.net>

Date: Tue, 09 Jul 1996 11:26:43 -0700

From: Joseph Agrelo <jagrelo@cris.com>

Organization: Agrelo Engineering

X-Mailer: Mozilla 2.01 (Win95; U)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: Re: [APRSSIG:2928] DFjr question

References: <31E1B917.6DEF@worldnet.att.net>

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

William Nolle wrote:

>

> Several times now i have attempted to find out what size connectors the DFjr
> has so i can order the correct one for a junction box i am going to make.
> Agrelo is too busy to answer my questions :-((I guess i have too many). The MPA
> adaptor has input for GPS (What size connector) because i noticed that it
> comes in 3 flavors, Also the power connectors used in the DFjr, also 3 flavors
> available. Now some of these look the same but OD and ID are very important.
> And since all DFjr owners are going to want to know it would be great for
> somebody that has the inside information to post it here PLEASE!.

> --

> Bill WA8INZ

> ke4eer@worldnet.att.net

> ke4eer@amsat.org

Bill,

Too busy to answer questions! hmmm...*I* though it was ok to take a few days off
for
the holiday;-).

So far Bill, you're the only person that has ever asked these questions, and I think
it's because the DFjr comes with all the necessary cables, connectors, and jacks.

Well Bill..now that at I know you have questions, here's the answers.

	Mating Plug O.D.(mm)	
Center pin		Dia(mm)
Length(mm)		

DFjr power jack	Mouser Part# 161-201	1.3mm
3.4mm	1.2 5.0	
DFjr audio jack	Mouser Part# 161-2501	2.5mm/mono
N/A	N/A N/A	
DFjr modular jack	Digi-Key Part# A9031-ND6-6 Low Profile Modular Jack, PC Mount	
MPA GPS jack	Mouser Part# 16PJ031	2.1mm Power 5.5MM
	2.0 9.0	

PS-I had to make a special folder just to keep all of your questions in.
I will add this info to the manual.

73 De Joe N200C

XX

Agrelo Engineering
Joe Agrelo/President
1145 Catalyn St. Schenectady, NY 12303 USA
(518)381-1057
(518)381-1058
E-Mail: Jagrelo@concentric.net
WEB: <http://home.navisoft.com/agrelo/ae.htm>
Designer & Manufacturer of intelligent microprocessor
based Doppler and talking products
Experts in Microchip & Motorola processors
XX

From rwf@mindspring.com Tue Jul 09 10:33:00 1996
Received: from answerman.mindspring.com (answerman.mindspring.com [204.180.128.8])
by tapr.org (8.7.5/8.7.3/1.9) with SMTP id KAA12793 for <aprssig@tapr.org>; Tue, 9
Jul 1996 10:32:59 -0500 (CDT)
Received: from borg.mindspring.com (borg.mindspring.com [204.180.128.14]) by
answerman.mindspring.com (8.6.12/8.6.12) with ESMTP id LAA07512 for
<aprssig@tapr.org>; Tue, 9 Jul 1996 11:32:58 -0400
Received: from rwf.mindspring.com (user-168-121-44-154.dialup.mindspring.com
[168.121.44.154]) by borg.mindspring.com (8.6.12/8.6.12) with SMTP id LAA13718 for
<aprssig@tapr.org>; Tue, 9 Jul 1996 11:32:52 -0400
Message-Id: <2.2.32.19960709154714.006821e4@atl.mindspring.com>
X-Sender: rwf@atl.mindspring.com (Unverified)
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Tue, 09 Jul 1996 11:47:14 -0400
To: aprssig@tapr.org
From: rwf <rwf@mindspring.com>
Subject: Re: [APRSSIG:2885] Mobile

At 03:14 PM 7/7/96 -0500, N7RIG wrote:

> My thinking was when the computer starts APRS, to use the INIT file
>to change the KPC-3 out of GPS mode, and when QUITing to reset it back
>into GPS mode. But I can't seem to get this to work.
>
> Am I approaching the problem wrong? Am I making a mountain out of a

>mole hill? Did I miss something in the DOCs? What are others doing?
>
>Richard N7RIG
>

To go into GPS mode, you'd have to power the kpc-3 off and on *after* the ARS restore file ran. I think there is no way to do this step with a command.

When starting back up, you would have to hope that APRS could send 3 appropriately spaced control C characters and that everything would continue on properly while (and after) the KPC-3 sent its initialization (power up) message to APRS when it recognized the CTRL Cs.

Then you would need to make sure that the BLTtimer got set to zero, otherwise you would still be sending tracker position reports with bogus info in them after you started APRS.

And don't forget you need at least a toggle switch or relay to feed the GPS data directly into the TNC when the laptop was gone or you wanted to act like a tracker-

OR

Do what I did: Sell your HSP adapter and get a dual port Pico-Packet from PacComm. The GPS feeds in one port, the computer goes to the other. APRS sends a "refresh" (CTRL E) periodically to the Pico to keep it happy. As long as it has the refresh every once in a while (the LOC ev xx parameter), it knows the pc is there and its built-in HSP will feed location info to APRS.

As soon as you unplug the laptop (or the battery dies), the refresh stops and the TNC becomes a tracker after the LOC timer runs out. You even turn dark gray on the map and your P list entry gains a / sign and loses the @ sign.

This works great and I stay on the map all the time with the TNC and GPS safely hidden out of the way. All I have going up front is the RS232 cable from the Pico.

From jagrelo@cris.com Tue Jul 09 10:36:52 1996

Received: from franklin.cris.com (franklin.cris.com [199.3.12.31]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA13105 for <aprssig@tapr.org>; Tue, 9 Jul 1996 10:36:50 -0500 (CDT)

Received: from darius.cris.com (darius [199.3.12.32])
by franklin.cris.com (8.7.5/(96/06/11 2.45))
id LAA09869; Tue, 9 Jul 1996 11:36:04 -0400 (EDT)
[1-800-745-2747 The Concentric Network]

Errors-To: jagrelo@cris.com

Received: from crc3.pop3.net (cnc059039.concentric.net [206.83.77.39])
by darius.cris.com (8.7.3)
id LAA20804; Tue, 9 Jul 1996 11:35:48 -0400 (EDT)

Message-ID: <31E2A786.55BB@concentric.net>

Date: Tue, 09 Jul 1996 11:40:06 -0700

From: Joseph Agrelo <jagrelo@cris.com>
Organization: Agrelo Engineering
X-Mailer: Mozilla 2.01 (Win95; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: DFjr Cables
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

To the SIG,

Please be aware that the DFjr comes with all of the necessary cables and connectors. William Nolle WA8INZ is trying to make a custom harness to better suit his needs.

Here is a clip from only one piece of email I received in response to Bills posting on the SIG.

Clip!-----

I recently seen a message by Bill WA8INZ. He stated that he had to buy some cables and connectors to connect the DFjr to his equipment after receiving the DFjr. Since I'm expecting to receive my DFjr the day before our local Hamfest, my spare time is going to be minimal. I'm a committee person as well as doing some seminars. I won't have hours to play with the DFjr to make all the connections if there's lots to make it work out of the box. I will be using a laptop, KPC-3, Garmin 45, and my radio will be either an Icom IC2000 mobile or IC-Z1A HT. The club president will have similar equipment.

End Clip!-----

Now I will just grit my teeth.

73 De Joe N200C

XX

Agrelo Engineering
Joe Agrelo/President
1145 Catalyn St. Schenectady, NY 12303 USA
(518)381-1057
(518)381-1058

E-Mail: Jagrelo@concentric.net

WEB: <http://home.navisoft.com/agrelo/ae.htm>

Designer & Manufacturer of intelligent microprocessor
based Doppler and talking products

Experts in Microchip & Motorola processors

XX

From jratcwf@bulldog.afsc.k12.ar.us Tue Jul 09 11:44:14 1996
Received: from bulldog.afsc.k12.ar.us (root@[170.211.157.174]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id LAA15783 for <aprssig@tapr.org>; Tue, 9 Jul 1996
11:44:12 -0500 (CDT)

Received: from jratchf.bulldog.afsc.k12.ar.us (slip1.afsc.k12.ar.us [170.211.157.175]) by bulldog.afsc.k12.ar.us (8.6.11/8.6.9) with SMTP id LAA21159 for <aprssig@tapr.org>; Tue, 9 Jul 1996 11:44:11 -0500
Message-Id: <199607091644.LAA21159@bulldog.afsc.k12.ar.us>
From: "J. Scott Ratchford, KC5JGV" <jratchf@bulldog.afsc.k12.ar.us>
To: <aprssig@tapr.org>
Subject: Re: [APRSSIG:2940] Re: DFjr question
Date: Tue, 9 Jul 1996 11:43:57 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1085
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

>
> Yes i found that, but how about the GPS into the MPA board connector?..
> Like i say i checked and that comes in 3 sizes all with different OD and ID
> and if the center pin isn't just right it will not make good contact.
Also i
> would like to have spares (So why not list those in the manual)!..
> --
> Bill WA8INZ
> ke4eer@worldnet.att.net
> ke4eer@amsat.org

I just went to the local radioo shack and found oone that fit, 3/32 I think. I'm not sure but I think they are sized by the center pin, which is on the MPA. Anyway, after I put all mine together, I used electrical tape and taped it all together so that it wouldn't come loose. You'll have to do something like that too. (We have lots of "country dirt roads" in these hills!) Bumpidy, bumpidy, bumpidy!

--
J. Scott Ratchford - KC5JGV
Marshall, Arkansas

From zoom@willow.sps.mot.com Tue Jul 09 12:28:31 1996
Received: from spsgate.sps.mot.com (spsgate.sps.mot.com [192.70.231.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id MAA17706 for <aprssig@tapr.org>; Tue, 9 Jul 1996 12:28:30 -0500 (CDT)
Received: from mogate (mogate.sps.mot.com) by spsgate.sps.mot.com (4.1/SMI-4.1/Email 2.1 10/25/93)
id AA11174 for aprssig@tapr.org; Tue, 9 Jul 96 10:28:24 MST
Received: from azbc.sps.mot.com ([222.90.5.2]) by mogate (4.1/SMI-4.1/Email-2.0)
id AA14066 for aprssig@tapr.org; Tue, 9 Jul 96 10:28:11 MST
Received: from willow.sps.mot.com by azbc.sps.mot.com with SMTP (1.37.109.4/16.2) id AA10677; Tue, 9 Jul 96 12:28:11 -0500
Received: by willow.sps.mot.com (4.1/SMI-4.1)
id AA08796; Tue, 9 Jul 96 10:25:25 MDT
Date: Tue, 9 Jul 1996 10:25:24 -0600 (MDT)

From: Chris Terwilliger <zoom@willow.sps.mot.com>
To: aprs sig <aprssig@tapr.org>
Subject: Trimble OEM engine
Message-Id: <Pine.SUN.3.91.960709101104.8625B-1000000@willow>
Mime-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I don't remember anyone mentioning this before, but I got a sales flier yesterday on this...

Trimble now has an OEM engine to compete with Garmin. It's called the "Lassen-SK8". I'll summarize briefly:

based on "Sierra" technology
8-channel
differential ready
dual serial i/o ports
NMEA 0183, TSIP, RTCM SC-104
accuracy: position = 25m CEP without SA
 velocity = 0.1 m/sec without SA
 time = +/- 500 ns
DGPS accuracy: position = 2m CEP
 velocity = 0.05 m/sec
 time = +/- 500 ns
cold start < 2 min, warm start < 45 sec, hot start < 20 sec
altitude = -1000m to +18,000m
velocity = 515m/sec max
accel = 4g
power = +5v, 150mA
NMEA: GGA, VTG, GLL, ZDA, GSV, GSA RMC
antenna power: 5v, 25mA, short circuit, feedline fault detection
antenna connector: SMB
several different antennas available
dimensions: 3.25" x 1.25" x 0.40"
weight: 0.7 oz.

price: I don't know what Trimble wants direct, but my local dealer quoted 1=\$285, 100=\$210, 500=\$190

Trimble Tracking & Communications Products
1-800-827-8000

Chris, AA7WD

From ke4eer@worldnet.att.net Tue Jul 09 12:29:57 1996
Received: from mailhost.worldnet.att.net (mailhost.worldnet.att.net [204.127.129.3]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id MAA17726 for <aprssig@tapr.org>; Tue, 9 Jul 1996 12:29:55 -0500 (CDT)
Received: by mailhost.worldnet.att.net (SMI-8.6/SMI-SVR4) id RAA03512; Tue, 9 Jul 1996 17:29:24 GMT
Received: from 192.bridgeton-3.mo.dial-access.att.net(199.69.38.192) by mailhost.worldnet.att.net with SMTP id A3451; Tue Jul 9 17:29:22 1996

Message-ID: <31E2B300.3BB7@worldnet.att.net>
Date: Tue, 09 Jul 1996 12:29:04 -0700
From: William Nolle <ke4eer@worldnet.att.net>
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:2943] DFjr Cables
References: <31E2A786.55BB@concentric.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Joseph Agrelo wrote:

>
> To the SIG,
>
> Please be aware that the DFjr comes with all of the nessesary cables
> and connectors. William Nolle WA8INZ is trying to make a custom harness
> to better suit his needs.
>
> Here is a clip from only one piece of email I received in response to Bills
> posting on the SIG.
>
> Clip!-----
>
> I recently seen a message by Bill WA8INZ. He stated that he had to buy
> some cables and connectors to connect the DFjr to his equipment after
> receiving the DFjr. Since I'm expecting to receive my DFjr the day before
> our local Hamfest, my spare time is going to be minimal. I'm a committee
> person as well as doing some seminars. I wont have hours to play with
> the DFjr to make all the connections if there's lots to make it work out of
> the box. I will be using a laptop, KPC-3, Garmin 45, and my radio will be
> either an Icom IC2000 mobile or IC-Z1A HT. The club president will have
> similar equipment.
>
> End Clip!-----
>
> Now I will just grit my teeth.
>
> 73 De Joe N200C

Don't have to grit your teeth Joe, i answered that person by private e-mail and told him what i was doing, and also that the only cable you need in addition to what comes with the DFjr is an extension speaker. But what bothers me Joe i have asked 3 times now for the sizes of the MPA adaptor, specially the one for the GPS (Now that cable a person has to make) but maybe you don't know either, if so just say so and i will find some way to measure the pin size.

For all the folks reading something into this that isn't there. I am making a junction box to cut down on the many cables running all over the place when hooking a DFjr, Laptop, TNC, GPS, 2 Radios, Extension speaker, Power to all this, this hopefully will cut down on some of them!.

This has nothing to do with the DFjr itself it's working great and will work

right out of the box except for the Extension speaker. So those of you that are concerned about needing cables, of course you do, but then you always do even when purchasing a new radio or TNC or whatever. You will need to change the connector on your GPS if you are using the MPA from Agrelo and that's the one i'm trying to find the size of.

--

Bill WA8INZ
ke4eer@worldnet.att.net
ke4eer@amsat.org

From ke4eer@worldnet.att.net Tue Jul 09 12:35:17 1996
Received: from mailhost.worldnet.att.net (mailhost.worldnet.att.net [204.127.129.3]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id MAA18026 for <aprssig@tapr.org>; Tue, 9 Jul 1996 12:35:15 -0500 (CDT)
Received: by mailhost.worldnet.att.net (SMI-8.6/SMI-SVR4) id RAA07122; Tue, 9 Jul 1996 17:34:44 GMT
Received: from 192.bridgeton-3.mo.dial-access.att.net(199.69.38.192) by mailhost.worldnet.att.net with SMTP id A7069; Tue Jul 9 17:34:42 1996
Message-ID: <31E2B447.4F2C@worldnet.att.net>
Date: Tue, 09 Jul 1996 12:34:31 -0700
From: William Nolle <ke4eer@worldnet.att.net>
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:2944] Re: DFjr question
References: <199607091644.LAA21159@bulldog.afsc.k12.ar.us>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

J. Scott Ratchford, KC5JGV wrote:

>
> I just went to the local radioo shack and found oone that fit, 3/32 I
> think. I'm not sure but I think they are sized by the center pin, which is
> on the MPA. Anyway, after I put all mine together, I used electrical tape
> and taped it all together so that it wouldn't come loose. You'll have to
> do something like that too. (We have lots of "country dirt roads" in these
> hills!) Bumpidy, bumpidy, bumpidy!
>
> --
> J. Scott Ratchford - KC5JGV
> Marshall, Arkansas

Ok Scott, i looked at the MPA GPS connector but it doesn't say. Yes i could go to the nearest Radio Shack but as you know most of those are packages and can't try and buy Hi. I will measure it somehow, would be better if it is the right size. Thanks again Scott.

--

Bill WA8INZ
ke4eer@worldnet.att.net
ke4eer@amsat.org

Agrelo Engineering
Joe Agrelo/President
1145 Catalyn St. Schenectady, NY 12303 USA
(518)381-1057
(518)381-1058
E-Mail: Jagrelo@concentric.net
WEB: <http://home.navisoft.com/agrelo/ae.htm>
Designer & Manufacturer of intelligent microprocessor
based Doppler and talking products
Experts in Microchip & Motorola processors
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From alan@watsun.cc.columbia.edu Tue Jul 09 14:32:05 1996
Received: from manila.cc.columbia.edu (manila.cc.columbia.edu [128.59.39.200]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id OAA23078 for <aprssig@tapr.org>; Tue, 9
Jul 1996 14:32:03 -0500 (CDT)
Received: (from alan@localhost) by manila.cc.columbia.edu (8.7.5/8.7.3) id
PAA24037 for aprssig@tapr.org; Tue, 9 Jul 1996 15:32:02 -0400 (EDT)
Date: Tue, 9 Jul 96 15:32:02 EDT
From: Alan Crosswell <alan@watsun.cc.columbia.edu>
To: aprssig@tapr.org
Subject: VOX-RPTR in practice
Message-ID: <CMM.0.90.4.836940722.alan@manila.cc.columbia.edu>

I have been asked by my club's engineering director to see if there are other
sites already doing the APRS MIC-E stuff on their repeater systems that might
be similar to ours:

850 controller
3 or 4 remotes + central receive through a voter
114.8 pl

Thanks for any pointers.
73 de Alan N2YGK

From ke4eer@worldnet.att.net Tue Jul 09 14:54:57 1996
Received: from mailhost.worldnet.att.net (mailhost.worldnet.att.net
[204.127.129.3]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id OAA24243 for
<aprssig@tapr.org>; Tue, 9 Jul 1996 14:54:55 -0500 (CDT)
Received: by mailhost.worldnet.att.net (SMI-8.6/SMI-SVR4)
id TAA27300; Tue, 9 Jul 1996 19:54:18 GMT
Received: from 92.bridgeton-3.mo.dial-access.att.net(199.69.38.92)
by mailhost.worldnet.att.net with SMTP
id A27180; Tue Jul 9 19:54:09 1996
Message-ID: <31E2D4F3.3006@worldnet.att.net>
Date: Tue, 09 Jul 1996 14:53:55 -0700
From: William Nolle <ke4eer@worldnet.att.net>
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:2950] Re: DFjr Cables
References: <31E2DDF9.6864@concentric.net>
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Joseph Agrelo wrote:

>

> It looks like your email gets to the SIG faster than mine, I did reply to all of
> the connector sizes relating to the DFjr & MPA. Here they are again.

Yes i got them but had a hard time printing them out though. You must have your e-mailer set really wide or no auto justification Hi.

Thanks Joe for the information, now i can order my JUNCTION BOX parts, and make up the cables for it.

--

Bill WA8INZ

ke4eer@worldnet.att.net

ke4eer@amsat.org

From n2czf@magg.net Tue Jul 09 17:13:38 1996

Received: from grumpy.magg.net (root@grumpy.magg.net [205.218.112.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id RAA29382 for <aprssig@tapr.org>; Tue, 9 Jul 1996 17:13:36 -0500 (CDT)

Received: from Cybergate (wpb-150.magg.net [205.218.112.150]) by grumpy.magg.net (8.7.5/8.7.3) with SMTP id SAA31029 for <aprssig@tapr.org>; Tue, 9 Jul 1996 18:10:50 -0400

Date: Tue, 9 Jul 1996 18:10:50 -0400

Message-Id: <199607092210.SAA31029@grumpy.magg.net>

X-Sender: n2czf@magg.net

X-Mailer: Windows Eudora Version 1.4.3

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

To: aprssig@tapr.org

From: n2czf@magg.net (Richard Garcia)

Subject: Re: [APRSSIG:2933] Re: Hurrican Warnings to UYR

This is understood, Kevin and I both digi via W7LUS due to the fact that we are trying to reach florida users with our hurricane data. Since we are in Florida we cannot do this due to the skip range, Peter W7LUS has a good position to reach most of Florida allmost all day long. After we digi thru Peter then GATE,WIDE will get any important data distributed back along all the VHF networks in FL that have a 30M GATEWAY.

Also digipeating is not recomended on HF but their are occasions when it must just be done, this is one of them.

>Someone might also tell UYR that digi via LUS is fine but if one
>does not hear the digi the data will not gateway to vhf.

>I often hear UYR better direct but the call in the path stops
>the gateway from passing the position on to vhf.

>

>Roger N8CHB

>

>/////////////////
>Bob Bruninga wrote:
>>
>> I am seeing a good plot of the Hurricane, but I notice that the format is
>> written as
>> 085^095/982/115&200
>> but it should be written as
>> 085^095/982>115&200
>>
>> WWithout the > symbol, the 115 mile radius of maximum HC winds is not
>> being plotted. I dont know if this is a one-time typo, or UYR is doing
>> this conisitently. Can someone get to him? My mailer just will not work
>> with his EMAIL address...
>>
>> de wb4apr@amsat.org
>
>
73's Rich N2CZF
n2czf@magg.net
<http://www.magg.net/~n2czf> (Personal)
<http://www.magg.net/~n2czf/aprs.html> (Florida APRS)
Jupiter Farms Florida EL96

From cdavidso@hemisphere.neocomm.net Tue Jul 09 20:01:35 1996
Received: from hemisphere.neocomm.net (root@hemisphere.neocomm.net
[205.160.234.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id UAA04927 for
<aprssig@tapr.org>; Tue, 9 Jul 1996 20:01:34 -0500 (CDT)
Received: from Axton (ppp21.neocomm.net [205.160.234.21]) by
hemisphere.neocomm.net (8.6.11/8.6.9) with SMTP id VAA02779 for
<aprssig@tapr.org>; Tue, 9 Jul 1996 21:01:51 -0400
Message-Id: <199607100101.VAA02779@hemisphere.neocomm.net>
Comments: Authenticated sender is <cdavidso@neocomm.net>
From: "Charles W. Davidson" <cdavidso@hemisphere.neocomm.net>
To: aprssig@tapr.org
Date: Tue, 9 Jul 1996 21:55:49 +0000
Subject: Dos error #6 ?
Reply-to: cdavidso@hemisphere.neocomm.net
Priority: normal
X-mailer: Pegasus Mail for Windows (v2.01)

Can some one tell me somthing about Dos error #6.

thanks.

charles

cdavidso@neocomm.net
<http://www.neocomm.net/~cdavidso/>
WB4PAN@WB4QOJ.VA.USA.NOAM

From DEEATON@aol.com Tue Jul 09 22:35:28 1996
Received: from emout07.mail.aol.com (emout07.mx.aol.com [198.81.11.22]) by

tapr.org (8.7.5/8.7.3/1.9) with SMTP id WAA10825 for <aprssig@tapr.org>; Tue, 9 Jul 1996 22:35:26 -0500 (CDT)
From: DEEATON@aol.com
Received: by emout07.mail.aol.com (8.6.12/8.6.12) id XAA00499 for aprssig@tapr.org; Tue, 9 Jul 1996 23:34:52 -0400
Date: Tue, 9 Jul 1996 23:34:52 -0400
Message-ID: <960709233451_430937189@emout07.mail.aol.com>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:2877] APRS SEATTLE??

Hi dave next time you send email please send updated maps from around that you have done . Even those from HI or anywhere else I'm collecting them from everywhere talk to you later. By the way Mary and I just got back from Lowake and a great steak and fresh onion rings and big glass of tea. Wish you were here but we ate it all hihi right. Talk later glad you got other radio and how is it have another but it's Maxon new in box with speaker mike for 175.00 if you can sell it. See ya later partner(Texan) talk ya know (bubba). Mary says KISSES and Hugs...

From n8chb@tir.com Tue Jul 09 23:38:15 1996
Received: from tir.com (sun.tir.com [205.138.41.6]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id XAA12976 for <aprssig@tapr.org>; Tue, 9 Jul 1996 23:38:13 -0500 (CDT)
Received: from n8chb.tir.com (an1liv.tir.com [205.218.84.3]) by tir.com (8.7.5/8.7) with SMTP id AAA06458 for <aprssig@tapr.org>; Wed, 10 Jul 1996 00:34:44 -0400 (EDT)
Message-ID: <31E32567.155E@tir.com>
Date: Wed, 10 Jul 1996 04:37:12 +0100
From: Roger Breckon - N8CHB <n8chb@tir.com>
Reply-To: n8chb@tir.com
X-Mailer: Mozilla 3.0b5a (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: gate
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

To: KD4UYR

ur Hurricane information looks gud and thank u for the time and effort it took to set it up.

As a suggestion only u might try this path.
GATE,WIDE,call,GATE,WIDE

I believe this will still accomplish the same thing plus let the hf gateways in other states send the information over to local vhf areas.

de Roger n8chb@tir.com

From kc5ejk@onramp.net Wed Jul 10 03:41:08 1996
Received: from mailhost.onramp.net (mailhost.onramp.net [199.1.11.3]) by tapr.org

(8.7.5/8.7.3/1.9) with ESMTP id DAA25254 for <aprssig@tapr.org>; Wed, 10 Jul 1996 03:41:06 -0500 (CDT)
Received: from [199.1.11.102] (dal02.onramp.net [199.1.11.102]) by mailhost.onramp.net (8.7.3/8.6.5) with SMTP id DAA24441 for <aprssig@tapr.org>; Wed, 10 Jul 1996 03:41:00 -0500 (CDT)
Message-Id: <v02130500ae091a2cdce8@[199.1.11.105]>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable
Date: Wed, 10 Jul 1996 03:41:13 -0500
To: aprssig@tapr.org
From: kc5ejk@onramp.net (Robert Winingham)
Subject: DFjr Card EPS

>I have uploaded my final,final,final DFjr quick reference card file to=20
>Tapr. Per a request i added a format the Mac can handle.=20

Much thanks for doing all this work. I have the cards all
printed out for when I get my DFjr.

I have not had any problem printing any of your early PCX formats on
my MAC or the later GIF,TIFF - Other than making is smaller-- :-)

But I did need to use a text editor to remove some extra binary
data from the first line of the .ESP file format

I saw this:

```
-----  
=89=AD=B2=90=1E=00=00=00=03=A4=02=00=00=00=00=00=00=00=00!=A4=02=00=C3=0B=  
=00=00=9D=9D%!PS-Adobe-2.0 EPSF-2.0  
%%BoundingBox: 24 503 524 768=20  
%%Creator: COREL DRAW  
%%Title: DFJRFRNT.TMP  
%%CreationDate: Mon Jul 31 11:37:16 1995  
-----
```

I just deleted the extra data before the %!PS-Adobe-2.0 EPSF-2.0
with a text editor and it printed fine.

I don't know if that is from the ZIP process or what.
Did others have a problem printing the EPS files.
Was as regular PS file any smaller ??

Thanks again

73

Bob - Dallas,TX --- kc5ejk@onramp.net or kc5ejk@amsat.org --- =20

From ke4eer@worldnet.att.net Wed Jul 10 08:37:47 1996
Received: from mailhost.worldnet.att.net (mailhost.worldnet.att.net
[204.127.129.4]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id IAA03686 for

<aprssig@tapr.org>; Wed, 10 Jul 1996 08:37:45 -0500 (CDT)
Received: by mailhost.worldnet.att.net (SMI-8.6/SMI-SVR4)
id NAA03919; Wed, 10 Jul 1996 13:37:13 GMT
Received: from 99.middleton-57.va.dial-access.att.net(207.116.6.99)
by mailhost.worldnet.att.net with SMTP
id A3812; Wed Jul 10 13:37:08 1996
Message-ID: <31E3CE1A.1812@worldnet.att.net>
Date: Wed, 10 Jul 1996 08:36:58 -0700
From: William Nolle <ke4eer@worldnet.att.net>
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:2957] DFjr Card EPS
References: <v02130500ae091a2cdce8@[199.1.11.105]>
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit

Robert Winingham wrote:

>
> >I have uploaded my final,final,final DFjr quick reference card file to
> >Tapr. Per a request i added a format the Mac can handle.
>
> Much thanks for doing all this work. I have the cards all
> printed out for when I get my DFjr.
>
> I have not had any problem printing any of your early PCX formats on
> my MAC or the later GIF,TIFF - Other than making is smaller-- :-)
>
> But I did need to use a text editor to remove some extra binary
> data from the first line of the .ESP file format
>
> I saw this:
> -----
> â¶≤ê
> %%BoundingBox: 24 503 524 768
> %%Creator: COREL DRAW
> %%Title: DFJRFRNT.TMP
> %%CreationDate: Mon Jul 31 11:37:16 1995
> -----
>
> I just deleted the extra data before the %!PS-Adobe-2.0 EPSF-2.0
> with a text editor and it printed fine.
>
> I don't know if that is from the ZIP process or what.
> Did others have a problem printing the EPS files.
> Was as regular PS file any smaller ??
>
> Thanks again
>
> 73
>
> Bob - Dallas,TX --- kc5ejk@onramp.net or kc5ejk@amsat.org ---

please.

Chip Griffin - President of Thames River Apple Users Group (TRAUG)
BBS System Operator of The Quarry (860-889-6427)
- eMail to: quarry@q.continuum.net
my home page: http://q.continuum.net/~quarry/
TRAUG home page: http://q.continuum.net/~quarry/TRAUG.html

From rambrose@unm.edu Wed Jul 10 12:46:49 1996
Received: from ariel.unm.edu (ariel.unm.edu [129.24.8.1]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id MAA13351 for <aprssig@tapr.org>; Wed, 10 Jul 1996
12:46:48 -0500 (CDT)
Received: from ppp_058.unm.edu by ariel.unm.edu with smtp
(Smail3.1.29.1 #44) id m0ue3LZ-0009KNC; Wed, 10 Jul 96 11:46 MDT
Date: Wed, 10 Jul 1996 11:49:09 -0900 (PDT)
From: robert <rambrose@unm.edu>
To: aprssig@tapr.org
Subject: APRS Mapping: How To?
X-Sender: rambrose@mail.unm.edu
Message-ID: <Pine.PCW.3.91.960710114530.3023A-1000000@ppp_058.unm.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi,
I've just recently become acquainted with APRS and find it great! I
would like to make my own maps, however, the information in the various
TXT files is confusing - at least for me as a beginner. I notice in the
GPS.TXT file the following about the Garmin 45 (which I have and would
like to use to make maps): "Replay track histories stored in the unit
into APRS conversion programs and build yur own APRS maps." That's
exactly what I want to do! Is there a step-by-step process you can refer
me to?

Thank you!

Rob

From ke4eer@worldnet.att.net Wed Jul 10 13:31:32 1996
Received: from mailhost.worldnet.att.net (mailhost.worldnet.att.net
[204.127.129.4]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id NAA14704 for
<aprssig@tapr.org>; Wed, 10 Jul 1996 13:31:30 -0500 (CDT)
Received: by mailhost.worldnet.att.net (SMI-8.6/SMI-SVR4)
id SAA10655; Wed, 10 Jul 1996 18:30:57 GMT
Received: from 178.middletown-57.va.dial-access.att.net(207.116.6.178)
by mailhost.worldnet.att.net with SMTP
id A10510; Wed Jul 10 18:30:16 1996
Message-ID: <31E412D3.3C31@worldnet.att.net>
Date: Wed, 10 Jul 1996 13:30:11 -0700
From: William Nolle <ke4eer@worldnet.att.net>
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org

Bill Young
byoung@qni.com
KB0UZQ

From bruninga@nadm.navy.mil Wed Jul 10 17:02:12 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id RAA22054 for <aprssig@tapr.org>; Wed, 10 Jul 1996 17:02:10 -0500 (CDT)
Received: (from bruninga@localhost) by arctic.nadm.navy.mil (8.6.12/8.6.12) id SAA00656; Wed, 10 Jul 1996 18:03:10 -0400
Date: Wed, 10 Jul 1996 18:03:09 -0400 (EDT)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:2961] APRS Mapping: How To?
In-Reply-To: <Pine.PCW.3.91.960710114530.3023A-1000000@ppp_058.unm.edu>
Message-ID: <Pine.SUN.3.91.960710180222.29894G-1000000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Yes, just run MAPFIX23. Then do a TASK-GPS and give the file name of the Track History, and the dots will appear on the map for you to draw in...

APRSDOS REPLY COMMENT:

de wb4apr@amsat.org

From mark.endicott@nashville.com Wed Jul 10 17:02:42 1996
Received: from nashville.com (ns1.nashville.com [199.78.224.2]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id RAA22075 for <aprssig@tapr.org>; Wed, 10 Jul 1996 17:02:34 -0500 (CDT)
Message-Id: <199607102202.RAA22075@tapr.org>
From: mark.endicott@nashville.com
Reply-To: mark.endicott@nashville.com
Subject: GPS Display From J. Goldberg
To: aprssig@tapr.org
X-Mailer: TSX-BBS
Date: Wed, 10 Jul 96 16:52:32
Organization: <http://WWW.NASHVILLE.COM> * Modem: 615-383-0727

I recently completed the LCD Display kit that J. Goldberg has advertised on this sig. It parses the GGA sentence from your GPS and displays Lon., Lat, Time and Grid Square. The kit went together in about an hour and worked the first time.

J. mentioned in the doc's that if there was any interest in having it parse and display other information to let him know. I thought that it would be great to have it parse the RMC sentence and display Lon., Lat., SPEED and COG (Course over Ground) He responded, that if there was enough interest he probably could make it work.

I am using the display with the Garmin GPS-31, which like the GPS-20, has no display. J's LCD display could be mounted on your dash and show Location, Speed (TO 999 KNOTS WITH THE 31 AND 20) and Course as well as feed your TNC the required tracking information.

If anyone is interested in having J. work on this project and would commit to buying one (\$50.00); email him direct and let him know. If there are 10 to 12 of us that want one he said he would "work on it".

73.....Mark (WB0N00)

Respond to:

J. Goldberg email..j@harper.com
Harper Technologies
P.O. Box 26910
San Diego, CA 92196-0910
Voice (619) 693-9046 Fax (619) 621-9046

If Found, Please Return To:

```
----- \
|           Mark Endicott           | \
|           P.O. Box 148242          | \
|           Nashville, Tennessee 37214 >
|           WB0N00                  | /
|           mark.endicott@nashville.com /
|-----/
```

From bruninga@nadm.navy.mil Wed Jul 10 17:05:47 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id RAA22412 for <aprssig@tapr.org>; Wed, 10 Jul 1996 17:05:45 -0500 (CDT)
Received: (from bruninga@localhost) by arctic.nadm.navy.mil (8.6.12/8.6.12) id SAA00705; Wed, 10 Jul 1996 18:06:45 -0400
Date: Wed, 10 Jul 1996 18:06:45 -0400 (EDT)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:2961] APRS Mapping: How To?
In-Reply-To: <Pine.PCW.3.91.960710114530.3023A-1000000@ppp_058.unm.edu>
Message-ID: <Pine.SUN.3.91.960710180320.29894H-1000000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 10 Jul 1996, robert wrote:

> I've just recently become acquainted with APRS and find it great! I
> would like to make my own maps.... by ... replaying track histories stored
> in the unit into APRS conversion programs
> Is there a step-by-step process you can refer me to?

APRSDos REPLY COMMENT: Simply load the map you want to modify into
MAFIX23 and then use the TASKS-GPS command to load the track history.
The dots will show on the map and you can edit new roads over them...

These are APRS track history files. TO take the data out of the GARMIN,
I believe someone wrote a conversion program from GARMIN to APRS
format... Anyone?

de wb4apr@amsat.org

From tdrumm@sparc.isl.net Wed Jul 10 22:13:50 1996
Received: from sparc.isl.net (root@sparc.isl.net [199.3.25.3]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id WAA02990 for <aprssig@tapr.org>; Wed, 10 Jul 1996
22:13:49 -0500 (CDT)
Received: from ppp-40.isl.net (ppp-40.isl.net [199.3.25.89]) by sparc.isl.net
(8.7.4/8.7.3) with SMTP id WAA19008 for <aprssig@tapr.org>; Wed, 10 Jul 1996
22:21:33 -0500 (CDT)
Message-Id: <199607110321.WAA19008@sparc.isl.net>
X-Sender: tdrumm@sparc.isl.net
X-Mailer: Windows Eudora Version 1.4.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Wed, 10 Jul 1996 22:17:18 -0500
To: aprssig@tapr.org
From: tdrumm@sparc.isl.net (Tony Drumm)
Subject: Ultimeters

Thanks for the help finding Peet Bros. Now some new questions. Is the 500
supported as well as the II and 2000? I have a PK-12 now which understands
GPS and Ultimeter II streams. When I connected it to the GPS20, it seems to
just spit out the sentence exactly as the GPS sends it - i.e. with no
processing. I assume it does the same for the Ultimeter so it is really up
to the APRS software which receives these sentences to parse them. Correct?
Also, the instructions in the PK-12 manual for the Ultimeter hookup say to
add the time and date to the beacon text. Does it alter that information or
just leave it alone (I'd guess the latter)? If it leaves it alone, it
doesn't seem to make sense to put in a time/date stamp when the system was
setup - I'd want to know the time/date for the readings. Am I missing
something?

I'd prefer to run this standalone without a computer so any other info from
those of you who have done this would be welcome. Now the big decision - do
I really need the barometer in the 2000?!

Tony Drumm
Rochester, MN
internet: tdrumm@isl.net

The latest APRS is posted as APRS76f.zip, but not yet the upgrade file.
Ill do that tomorrow...

it fixes:

- 1) the own wx station wind direction display
- 2) the new Ultimeter formats
- 3) It has the alt-SETUP-OTHER-LOCK command that will allow you to lock the program from sending any mmessages, objects, or other data. This is for un-attended operations to prevent un authorized individuals from putting sdata into an APRS newtowrk un supervised...

de wb4apr@amsat.org

From jkerns@usit.net Thu Jul 11 07:42:27 1996
Received: from use.usit.net (root@use.usit.net [199.1.48.3]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id HAA26258 for <aprssig@tapr.org>; Thu, 11 Jul 1996 07:42:26 -0500 (CDT)
Received: from bway-slip109.dynamic.usit.net (bway-slip109.dynamic.usit.net [204.194.172.155]) by use.usit.net (8.6.12/8.6.9) with SMTP id IAA10937 for <aprssig@tapr.org>; Thu, 11 Jul 1996 08:42:23 -0400
Message-Id: <199607111242.IAA10937@use.usit.net>
X-Sender: jkerns@usit.net
X-Mailer: Windows Eudora Version 1.4.4
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Thu, 11 Jul 1996 08:32:25 -0400
To: aprssig@tapr.org
From: jkerns@usit.net (jim kerns)
Subject: Re: [APRSSIG:2970] APRS76f.zip

>The latest APRS is posted as APRS76f.zip, but not yet the upgrade file.
>Ill do that tomorrow...

>

>it fixes:

- >1) the own wx station wind direction display
>2) the new Ultimeter formats
>3) It has the alt-SETUP-OTHER-LOCK command that will allow you to lock
>the program from sending any mmessages, objects, or other data. This is
>for un-attended operations to prevent un authorized individuals from
>putting sdata into an APRS newtowrk un supervised...

>

>de wb4apr@amsat.org

>

>Bob: Wonder what the difference is between Lock command on 76f and the C
X command, where u can turn off the transmit on the older versions?
Thanks, Jim.

>

From jratchf@bulldog.afsc.k12.ar.us Thu Jul 11 08:00:04 1996
Received: from bulldog.afsc.k12.ar.us (root@[170.211.157.174]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id IAA26840 for <aprssig@tapr.org>; Thu, 11 Jul 1996 08:00:02 -0500 (CDT)
Received: from jratchf.bulldog.afsc.k12.ar.us (slip3.afsc.k12.ar.us

[170.211.157.177]) by bulldog.afsc.k12.ar.us (8.6.11/8.6.9) with SMTP id HAA08348 for <aprssig@tapr.org>; Thu, 11 Jul 1996 07:59:57 -0500
Message-Id: <199607111259.HAA08348@bulldog.afsc.k12.ar.us>
From: "J. Scott Ratchford, KC5JGV" <jratchf@bulldog.afsc.k12.ar.us>
To: <aprssig@tapr.org>
Subject: Re: [APRSSIG:2964] Help with init and restore files for KPC-3?
Date: Thu, 11 Jul 1996 07:52:51 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1085
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

> I'd like to ask for some feedback from the group on the "optimum" APRS
> TNC initialization and restoration files for use with the KPC-3. The
> "modes" would include "normal" operation at QTH and (most importantly
> right now...) mobile with a GPS in HSP mode. Any and all suggestions
> considered!
>
> Bill Young
> byoung@qni.com
> KB0UZQ

I have three KPC-3's, one at the QTH, one in the mobile package, and one as a digi. For the exception of the digi (btext, BT every 10:00, ect.) they are all the same, with different id's -10 digi, -15 mobile. I use a Garmin 55 in the mobile package with the DFjr Multi Port Adapter (MPA) now. I was using the HSP that you mentioned with excellent results. All the settings were the same as the QTH tnc.

If you find a more optimum mode, let me know!

--

J. Scott Ratchford - KC5JGV
Marshall, Arkansas

From jratchf@bulldog.afsc.k12.ar.us Thu Jul 11 08:16:26 1996
Received: from bulldog.afsc.k12.ar.us (root@[170.211.157.174]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id IAA27469 for <aprssig@tapr.org>; Thu, 11 Jul 1996 08:16:25 -0500 (CDT)
Received: from jratchf.bulldog.afsc.k12.ar.us (slip1.afsc.k12.ar.us [170.211.157.175]) by bulldog.afsc.k12.ar.us (8.6.11/8.6.9) with SMTP id IAA08452 for <aprssig@tapr.org>; Thu, 11 Jul 1996 08:16:21 -0500
Message-Id: <199607111316.IAA08452@bulldog.afsc.k12.ar.us>
From: "J. Scott Ratchford, KC5JGV" <jratchf@bulldog.afsc.k12.ar.us>
To: "aprssig taprorg" <aprssig@tapr.org>
Subject: Lightning Detection
Date: Thu, 11 Jul 1996 08:16:13 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1085

MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

There were a few messages about lightning detection on the sig earlier.
Can anyone direct me to the right location to order these devices? And,
Bob, have you any plans to add this function into APRS WX?

--

J. Scott Ratchford - KC5JGV
Marshall, Arkansas

From Paul_Moller@csg.mot.com Thu Jul 11 09:17:26 1996
Received: from motgate2.mot.com (motgate2.mot.com [129.188.136.20]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id JAA00266 for <aprssig@tapr.org>; Thu, 11 Jul 1996
09:17:25 -0500 (CDT)
Received: from pobox.mot.com (pobox.mot.com [129.188.137.100]) by motgate2.mot.com
(8.7.3/8.6.10/MOT-3.8) with ESMTP id OAA24639 for <aprssig@tapr.org>; Thu, 11 Jul
1996 14:14:30 GMT
Received: from OAMPC10.csg.mot.com (OAMPC10.csg.mot.com [144.188.134.33]) by
pobox.mot.com (8.7.3/8.6.10/MOT-3.8) with SMTP id JAA05632 for <aprssig@tapr.org>;
Thu, 11 Jul 1996 09:16:50 -0500 (CDT)
Received: from PaulM_PC.csg.mot.com (PaulM_PC.csg.mot.com [144.188.36.8]) by
OAMPC10.csg.mot.com (8.6.8.1/8.6.6) with SMTP id JAA00077 for <aprssig@tapr.org>;
Thu, 11 Jul 1996 09:27:35 -0500
Message-Id: <2.2.32.19960711141702.006fa354@144.188.134.33>
X-Sender: mollpj@144.188.134.33
Return-Receipt-To: Paul_Moller@csg.mot.com
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Thu, 11 Jul 1996 09:17:02 -0500
To: aprssig@tapr.org
From: Paul Moller <Paul_Moller@csg.mot.com>
Subject: Re: [APRSSIG:2968] Ultimeters

I am very upset with my Ultimeter 2000 in that I am sending back for repair
my 3rd unit. I expect that I will get a replacement, making it a 4th unit.
(Yes I really only own 1). In all cases the LCD back light has failed, and
in nearly all cases the viewing angle of the LCD ranges from barely
acceptable to down right poor. I also have the optional outside humidity
sensor, and that has failed too. I will have to say however, that Peet Bros.
has not been giving me any difficulties in that they have been willing to
replace the units under the warranty every time. Good luck.

At 10:20 PM 7/10/96 -0500, you wrote:

>Thanks for the help finding Peet Bros. Now some new questions. Is the 500
>supported as well as the II and 2000? I have a PK-12 now which understands
>GPS and Ultimeter II streams.

Paul, WD9ABE

From Doug_Wetzel@acs.uswest.com Thu Jul 11 09:33:29 1996
Received: from uswgco3.uswc.uswest.com (uswgco3.uswest.com [206.196.133.82]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA01313 for <aprssig@tapr.org>; Thu, 11

Jul 1996 09:33:27 -0500 (CDT)
From: Doug_Wetzel@acs.uswest.com
Received: from egate.mnet.uswest.com (egate.mnet.uswest.com [151.116.23.138]) by uswgc03.uswc.uswest.com (8.7.5/8.7.1) with ESMTP id IAA28578 for <aprssig@tapr.org>; Thu, 11 Jul 1996 08:33:07 -0600 (MDT)
Received: from easthub (easthub.mnet.uswest.com [151.117.26.86]) by egate.mnet.uswest.com (8.7.1/8.7.1) with SMTP id IAA09872 for <aprssig@tapr.org>; Thu, 11 Jul 1996 08:33:06 -0600 (MDT)
Received: by easthub.mnet.uswest.com (M-Net Hub.951228)
Received: by acs.uswest.com (5.x/SMI-SVR4)
id AA06990; Thu, 11 Jul 1996 09:17:11 -0500
Received: from acmspgw1.mnet.uswest.com by acs.uswest.com (5.x/SMI-SVR4)
id AA06982; Thu, 11 Jul 1996 09:17:00 -0500
Received: from ccMail by acmspgw1.mnet.uswest.com
(IMA Internet Exchange v1.04) id 1e50d2b0; Thu, 11 Jul 96 09:18:19 -0500
Mime-Version: 1.0
Date: Thu, 11 Jul 1996 08:13:01 -0500
Message-Id: <1e50d2b0@acmspgw1.mnet.uswest.com>
Return-Receipt-To: Doug_Wetzel@acs.uswest.com
Subject: KPC-3 question
To: aprssig@tapr.org
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Description: cc:Mail note part

I have seen a number of postings stating that the KPC-3 can use the MYNODE callsign as a digipeat alias. It's not clear from Kantronics' documentation how that alias becomes enabled as a valid ax25 digi. I have the MYN callsign programmed into our WIDE, but when directing a path at it, it does NOT digi. The KA node function IS disabled. Anyone done this and can help?

Please reply direct and spare the sig bandwidth! Thanks!

73
Doug
KC7CO
Radio Free Utah

From n1obu@worldnet.att.net Thu Jul 11 10:36:33 1996
Received: from mailhost.worldnet.att.net (mailhost.worldnet.att.net [204.127.129.3]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id KAA03955 for <aprssig@tapr.org>; Thu, 11 Jul 1996 10:36:32 -0500 (CDT)
Received: by mailhost.worldnet.att.net (SMI-8.6/SMI-SVR4)
id PAA20784; Thu, 11 Jul 1996 15:35:58 GMT
Received: from 227.middletown-1.va.dial-access.att.net(199.70.132.227)
by mailhost.worldnet.att.net with SMTP
id A20438; Thu Jul 11 15:35:32 1996
From: n1obu@worldnet.att.net (Douglas M. Pervine)
To: aprssig@tapr.org
Subject: Re: [APRSSIG:2975] KPC-3 question
Date: Thu, 11 Jul 1996 15:35:19 GMT
Reply-To: n1obu@worldnet.att.net
Message-ID: <31e51ef0.22651807@mailhost.worldnet.att.net>

References: <1e50d2b0@acmspgw1.mnet.uswest.com>
In-Reply-To: <1e50d2b0@acmspgw1.mnet.uswest.com>
X-Mailer: Forte Agent .99e/32.227

Hi.. Real quick.. Yes.. MYNode can be set up for WIDE and will digi, but the Node must be set active with NUMNODES command.. Usually setting it to 2 would be good.. Hopefully that will work..

--73

On Thu, 11 Jul 96 14:42:11 +0000, you wrote:

>I have seen a number of postings stating that the KPC-3 can use the MYNODE
>callsign as a digipeat alias. It's not clear from Kantronics' documentation how
>that alias becomes enabled as a valid ax25 digi. I have the MYN callsign
>programmed into our WIDE, but when directing a path at it, it does NOT digi.
>The KA node function IS disabled. Anyone done this and can help?
>
>Please reply direct and spare the sig bandwidth! Thanks!
>
>73
>Doug
>KC7CO
>Radio Free Utah
>

From n1obu@worldnet.att.net Thu Jul 11 10:40:31 1996
Received: from mailhost.worldnet.att.net (mailhost.worldnet.att.net
[204.127.129.3]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id KAA04149 for
<aprssig@tapr.org>; Thu, 11 Jul 1996 10:40:30 -0500 (CDT)
Received: by mailhost.worldnet.att.net (SMI-8.6/SMI-SVR4)
id PAA22849; Thu, 11 Jul 1996 15:39:57 GMT
Received: from 227.middletown-1.va.dial-access.att.net(199.70.132.227)
by mailhost.worldnet.att.net with SMTP
id A22815; Thu Jul 11 15:39:55 1996
From: n1obu@worldnet.att.net (Douglas M. Pervine)
To: aprssig@tapr.org
Subject: 9600 baud APRS?
Date: Thu, 11 Jul 1996 15:39:44 GMT
Reply-To: n1obu@worldnet.att.net
Message-ID: <31e51fc0.22859388@mailhost.worldnet.att.net>
X-Mailer: Forte Agent .99e/32.227

Hi..

I am getting started into APRS. I have a KPC-9612. I would like to set it up and was wondering if there is any 9600 APRS action anywhere.. Either 2m or 70cm.

I will be testing it with GPS and mobile soon.. So I am sure I will have questions on that too.. But none right now.. If you have any advice.. Please let me know.. Thanks!

--73

From jaym1@soho.ios.com Thu Jul 11 10:51:18 1996
Received: from soho.ios.com (root@soho.ios.com [198.4.75.47]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id KAA04515 for <aprssig@tapr.org>; Thu, 11 Jul 1996
10:51:16 -0500 (CDT)
Received: from [206.20.7.10] (ppp-10.ts-1.ct.idt.net [206.20.7.10]) by
soho.ios.com (8.6.12/IDT) with SMTP id LAA18343 for <aprssig@tapr.org>; Thu, 11
Jul 1996 11:50:29 -0400
Message-Id: <v01510100ae0ad31cad9b@[206.20.7.19]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Thu, 11 Jul 1996 11:54:52 -0400
To: aprssig@tapr.org
From: jaym1@soho.ios.com (Jay Millard)
Subject: Re: [APRSSIG:2974] Re: Ultimeters

Paul Moller wrote:

>I will have to say however, that Peet Bros.
>has not been giving me any difficulties in that they have been willing to
>replace the units under the warranty every time. Good luck.

I would second that and underscore the value of posting whenever we have
good, positive experiences with companies who supply equipment for our
hobby as well as the negative experiences. Peet replaced my U2000 whose
LCD had failed, without question and promptly.

And I just purchased a unit for a friend in the UK, and they configured it
for 220v. He called me, 'ecstatic' over it!

Jay Millard
Amateur Radio Station KD1LY
Darien, CT 06820

From jleonard@tbcnet.com Thu Jul 11 11:16:54 1996
Received: from tbc1.tbcnet.com (root@tbc1.tbcnet.com [207.112.224.11]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id LAA05655 for <aprssig@tapr.org>; Thu, 11 Jul 1996
11:16:52 -0500 (CDT)
Received: from ts247.tbcnet.com (ts247.tbcnet.com [207.112.227.47]) by
tbc1.tbcnet.com (8.7.4/8.7.3) with SMTP id LAA15639 for <aprssig@tapr.org>; Thu,
11 Jul 1996 11:16:51 -0500
X-Authentication-Warning: tbc1.tbcnet.com: Host ts247.tbcnet.com [207.112.227.47]
didn't use HELO protocol
Message-Id: <1.5.4.32.19960711161647.0085a15c@tbcnet.com>
X-Sender: jleonard@tbcnet.com
X-Mailer: Windows Eudora Light Version 1.5.4 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Thu, 11 Jul 1996 11:16:47 -0500
To: aprssig@tapr.org
From: "John B. Leonard, Jr" <jleonard@tbcnet.com>

Subject: Re: [APRSSIG:2975] KPC-3 question

Doug,

Here are the parameters we're using for WA9CJN-15 Wide-Relay. It's a KPC-3. We're also extensively using the Remote function, as the digi site is quite removed from my QTH. Note: I've deleted the RText and MYRemote. Check the KPC-3 docs for further info.

```
8BITCONV ON
AX25L2V2 ON
ABAUD      2400
AUTOLF     ON
AXDELAY    0
AXHANG     0
BEACON     EVERY 10 min
BKONDEL    ON
BLT
1 EVERY 00:00:00
2 EVERY 00:00:00
3 EVERY 00:00:00
4 EVERY 00:00:00
BTEXT      !4200.90N/08900.10W#PHG5460/WIDE-RELAY KARC APRS WIDE/RELAY DIGI
BUDLIST    OFF
BUDCALLS   NONE
A Link state is: DISCONNECTED
CANLINE    $18 (CTRL-X)
CANPAC     $19 (CTRL-Y)
CD          SOFTWARE
CHECK      0 (disabled)
CMDTIME    1 (1 sec)
CMMSG      DISC
COMMAND    $03 (CTRL-C)
CONLIST    OFF
CONMODE    CONVERS
CONOK      OFF
CPACTIME   OFF
CR         ON
CRSUP      OFF
CSTAMP     OFF
CTEXT      Kishwaukee Amateur Radio Club APRS Wide/Relay
CWID       EVERY 0 (disabled)
CWIDTEXT   %
DAYTIME    04/12/96 08:01:15
DAYTWEAK   8
DAYSTR     mm/dd/yy hh:mm:ss
DBLDISC    OFF
DELETE     $08 (CTRL-H)
DIGIPEAT   ON
DWAIT      0
ECHO       ON
ESCAPE     OFF
FLOW       ON
```

FILTER OFF
FRACK 4 (4 sec)
FULLDUP OFF
GPSHEAD
1 \$GPGGA
2
3
4
GPSINIT
HBAUD 1200
HEADERLN OFF
HID OFF
HTEXT
INTERFACE TERMINAL
KNTIMER 15 min
LEDS ON
LCOK ON
LCSTREAM ON
LFADD OFF
LFSUP ON
LLIST OFF
LT
1
2
3
4
LTP
1 GPS
2 GPS
3 GPS
4 GPS
LTRACK 0

MONITOR ON
MALL ON
MAXFRAME 4
MAXUSERS 10
MBEACON ON
MCON OFF
MCOM OFF
MRESP OFF
MRPT ON
MSTAMP OFF
MXMIT OFF
MYCALL WA9CJN-15
MYALIAS WIDE
MYNODE RELAY
MYPBBS %
MYREMOTE ??????
NDWILD OFF
NEWMODE ON
NOMODE OFF
NTEXT

NUCR 0
 NULF 0
 NUMNODES 1
 PACLEN 128
 PACTIME AFTER 10 (1000 msec)
 PARITY NONE
 PASS \$16 (CTRL-V)
 PASSALL OFF
 PBBS 5
 PBFORWRD NONE EVERY 0 (disabled)
 PBHEADER ON
 PBHOLD ON
 PBKILLFW OFF
 PBLO NEW VARIABLE
 PBPERSOON OFF
 PBREVERS ON
 PERSIST 63 (25%)
 PID OFF
 PMODE CMD
 PTEXT
 REDISPLA \$12 (CTRL-R)
 RELINK OFF
 RESPTIME 5 (500 msec)
 RETRY 10
 RING ON
 RNRTIME 0 (disabled)
 RTEXT ????????
 SCREENL 0
 SENDPAC \$0D (CTRL-M)
 SLOTTIME 10 (100 msec)
 START \$11 (CTRL-Q)
 STATSHRT ON
 STOP \$13 (CTRL-S)
 STREAMSW \$7C (|)
 STREAMCA OFF
 STREAMEV OFF
 SUPLIST OFF
 SUPCALLS NONE
 SWP 17,17,108
 TRACE OFF
 TRFLOW OFF
 TRIES 10
 TXDELAY 30 (300 msec)
 TXFLOW OFF
 UNPROTO APRS VIA N9JOD,N9APP,WB9WOZ,WIDE
 USERS 1
 XFLOW ON
 XMITOK ON
 XOFF \$13 (CTRL-S)
 XON \$11 (CTRL-Q)

At 09:41 7/11/96 -0500, you wrote:

>I have seen a number of postings stating that the KPC-3 can use the MYNODE
>callsign as a digipeat alias. It's not clear from Kantronics'
documentation how
>that alias becomes enabled as a valid ax25 digi. I have the MYN callsign
>programmed into our WIDE, but when directing a path at it, it does NOT digi.
>The KA node function IS disabled. Anyone done this and can help?
>
>Please reply direct and spare the sig bandwidth! Thanks!
>
>73
>Doug
>KC7CO
>Radio Free Utah
>

J Barry Leonard/N9VJQ
DeKalb IL
E-MAIL: jleonard@tbcnet.com
WWW Home Page <http://tbcnet.com/~jleonard/leonard.htm>

From bruninga@nadm.navy.mil Thu Jul 11 11:34:41 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id LAA06707 for <aprssig@tapr.org>; Thu, 11
Jul 1996 11:34:39 -0500 (CDT)
Received: (from bruninga@localhost) by arctic.nadm.navy.mil (8.6.12/8.6.12) id
MAA18165; Thu, 11 Jul 1996 12:39:32 -0400
Date: Thu, 11 Jul 1996 12:39:31 -0400 (EDT)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: APRS76F and MAPFIX26
Message-ID: <Pine.SUN.3.91.960711123328.17194A-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I had left out the new MAPFIX26 in the APRS76F.zip that I posted after
midnight last night. I have now uploaded a new APRS76F to tapr. If you
downloaded the full APRS76F prior to 1220 EDT Thursday, then you need to
get the upgrade file 76to76F.zip. (there were several other new files
that were also left out, so please get the upgrade...)

MAPFIX26 fixes the problems introduced in MAPFIX25 whenever you delete
the END point of a map feature. As you know, beginning with MAPFIX25 you
can now use the MOUSE and I find that VERY handy! Please delete all
copies of MAPFIX25. Thanks.

HERE IS A LIST OF CHANGES IN DETAIL:

Following changes in 76f:

WX changes:

- * Fixed to operate with new format Ultrimeters +4 and +8 bytes
- * Fixed bug preventing OWN station WX wind direction from plotting
- * For un-attended displays, Alt-SETUP-OTHER-LOCK prevents unauthorized casual users from SENDing, INPUTing, and COMM-TNC access

GENERAL:

- * Fixed 6 letter calls & 2 digit SSID's not receiving MSGS or ACKS

SPACE MODE:

- * Eliminated the old APRS grid Square mode which put the GS in your BText in favor of the current system used in SAREX, APRtrak and MScatter where the GDSQ is put in the T0 address. APRS will still receive the old format, but will not transmit it.
- * Now, the special format]\$[at the beginnning of a packet will force APRS to interpret the T0 field as a GRID Square AND the \$ character will be interpreted as your symbol character.
- * SPACE & Mscat modes have moved from the SETUP-MODES to SETUP-FORMATS menu
- * Now SPACE and MScatter FORMATS automatically insert this symbol indicator
- * SPACE FORMAT now only configures your station to TRANSMIT with your grid square in the T0 field. It does not automatically increase its beacon rate when it hears the spacecraft.
- * To have your station reset its decay timers on hearing the spacecraft, now you must select the SETUP-MODES-AUTOspace mode.
- * Fade-to-Gray is disabled in SPACE and MSCATT modes
- * SPACE and MSCATT modes now capture the entire packet on the ALL screen so you can see the T0 call of SAREX packets.

Ver 76e: Fixes these problems:

- * APRS has always forced TXD of 33 when in HF. This has been removed. Set your TNC TXD as you like or put it in the INITTAPR.TNC file.
- * The SPACE mode SUCCESS function was not working in all versions as far back as I could find. Therefore your station would not RESET to a low BEACON rate when you were successful. This would cause un-necessary QRM during APRS SAREX operations. Is now fixed.
- * I think I fixed why APRS often sent the first packet via RELAY instead of what you had in your config file...

de wb4apr@amsat.org

From bruninga@nadn.navy.mil Thu Jul 11 11:43:47 1996

Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id LAA07407 for <aprssig@tapr.org>; Thu, 11 Jul 1996 11:43:45 -0500 (CDT)

Received: (from bruninga@localhost) by arctic.nadn.navy.mil (8.6.12/8.6.12) id MAA19603; Thu, 11 Jul 1996 12:48:38 -0400

Date: Thu, 11 Jul 1996 12:48:37 -0400 (EDT)

From: Bob Bruninga <bruninga@nadn.navy.mil>

X-Sender: bruninga@arctic

To: aprssig@tapr.org

Subject: Re: [APRSSIG:2971] Re: APRS76f.zip

In-Reply-To: <199607111242.IAA10937@use.usit.net>

Message-ID: <Pine.SUN.3.91.960711124601.17194D-100000@arctic>

MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 11 Jul 1996, jim kerns wrote:

> >Bob: Wonder what the difference is between Lock command on 76f and the C
> X command, where u can turn off the transmit on the older versions?

APRSDOS REPLY COMMENT: With LOCK set, APRS is still fully functional on line, reporting its position and latest status, plus trying to deliver and ack its messages and bulletins. But with LOCK set, you cannot ENTER any new data for transmission.. Nor alter your position or BEACON STATUS.

It keeps unauthorized personnel from messing with the data going out over the net while still permitting full operator access to all displays and screens...

de wb4apr@amsat.org

From bruninga@nadm.navy.mil Thu Jul 11 11:50:43 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id LAA07878 for <aprssig@tapr.org>; Thu, 11 Jul 1996 11:50:41 -0500 (CDT)
Received: (from bruninga@localhost) by arctic.nadm.navy.mil (8.6.12/8.6.12) id MAA20162; Thu, 11 Jul 1996 12:55:32 -0400
Date: Thu, 11 Jul 1996 12:55:31 -0400 (EDT)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:2975] KPC-3 question
In-Reply-To: <1e50d2b0@acmspgw1.mnet.uswest.com>
Message-ID: <Pine.SUN.3.91.960711125451.17194H@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 11 Jul 1996 Doug_Wetzel@acs.uswest.com wrote:

> I have seen a number of postings stating that the KPC-3 can use the MYNODE
> callsign as a digipeat alias. It's not clear from Kantronics' docs how
> that alias becomes enabled as a valid ax25 digi. I have the MYN callsign
> programmed into our WIDE, but when directing a path at it, it does NOT digi.
> The KA node function IS disabled. Anyone done this and can help?

APRSDOS REPLY COMMENT: I suspect that KA node has to be enabled...

de wb4apr@amsat.org

From Doug_Wetzel@acs.uswest.com Thu Jul 11 12:32:27 1996
Received: from uswgco3.uswc.uswest.com (uswgco3.uswest.com [206.196.133.82]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id MAA09778 for <aprssig@tapr.org>; Thu, 11 Jul 1996 12:32:26 -0500 (CDT)
From: Doug_Wetzel@acs.uswest.com
Received: from egate.mnet.uswest.com (egate.mnet.uswest.com [151.116.23.138]) by

uswgco3.uswc.uswest.com (8.7.5/8.7.1) with ESMTMP id LAA07833 for
<aprssig@tapr.org>; Thu, 11 Jul 1996 11:32:05 -0600 (MDT)
Received: from easthub (easthub.mnet.uswest.com [151.117.26.86]) by
egate.mnet.uswest.com (8.7.1/8.7.1) with SMTP id LAA19125 for <aprssig@tapr.org>;
Thu, 11 Jul 1996 11:32:05 -0600 (MDT)
Received: by easthub.mnet.uswest.com (M-Net Hub.951228)
Received: by acs.uswest.com (5.x/SMI-SVR4)
id AA15317; Thu, 11 Jul 1996 12:32:00 -0500
Received: from acmspgw1.mnet.uswest.com by acs.uswest.com (5.x/SMI-SVR4)
id AA15312; Thu, 11 Jul 1996 12:31:49 -0500
Received: from ccMail by acmspgw1.mnet.uswest.com
(IMA Internet Exchange v1.04) id 1e53ade0; Thu, 11 Jul 96 12:33:18 -0500
Mime-Version: 1.0
Date: Thu, 11 Jul 1996 11:27:56 -0500
Message-Id: <1e53ade0@acmspgw1.mnet.uswest.com>
Return-Receipt-To: Doug_Wetzel@acs.uswest.com
Subject: KPC Question
To: aprssig@tapr.org
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Description: cc:Mail note part

I have had plenty of replies to my KPC-3 question earlier today!

Thanks to everyone, no more info necessary!

73
Doug
KC7CO

From n4nr@vulcan.com Thu Jul 11 12:37:22 1996
Received: from koala.scott.net (root@koala.scott.net [204.181.147.2]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTMP id MAA10115 for <aprssig@tapr.org>; Thu, 11 Jul 1996
12:37:21 -0500 (CDT)
Received: from news.scott.net (root@news.scott.net [204.181.147.3]) by
koala.scott.net (8.7.4/8.7.3) with ESMTMP id MAA12425 for <aprssig@tapr.org>; Thu,
11 Jul 1996 12:37:14 -0500
Received: from vulcan.UUCP (vulcan@localhost) by news.scott.net (8.6.10/8.6.9)
with UUCP id MAA25094 for aprssig@tapr.org; Thu, 11 Jul 1996 12:27:56 -0500
To: aprssig@tapr.org
Subject: DF-Jr support
From: n4nr@vulcan.com (N4NR)
Message-ID: <8C442DD.0012001CF6.uuout@vulcan.com>
Date: Thu, 11 Jul 96 12:13:00 -0600
Organization: B'ham Amateur Radio Gateway (vulcan.com)
Reply-To: n4nr@vulcan.com (N4NR)
X-Mailreader: PCBoard Version 15.22
X-Mailer: PCBoard/UUOUT Version 1.20

Just a note to relay an experience I had with my DFJr from Agrelo
Engineering ... After assembly and hook-up, all appeared to be working
except that bearings to the transmitter were very erratic, mostly
invalid. I played around with the unit for about 2 weeks, trying this

and that, but no joy.

I e-mailed Agrello engineering, and described my problem. Joe responded by e-mail, apologized for the troubles, and said they would send another antenna/switching unit to replace mine. I answered with a request that the antenna/switching unit be replaced before 4th of July weekend. They shipped the replacements 2nd day UPS, and I received on July 3rd.

Had a chance to try it out, and all is working fine now. Got a fox hunt this Sat., and I'm sure glad to get it corrected. :-)

Thanks to Agrelo Engineering for the customer support.

Dennis - N4NR
n4nr@amsat.org

From CHEAD@exame2.dseg.ti.com Thu Jul 11 14:05:49 1996
Received: from dragon.ti.com (dragon.ti.com [192.94.94.61]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id OAA14115 for <aprssig@tapr.org>; Thu, 11 Jul 1996 14:05:45 -0500 (CDT)
Received: from lesol1.dseg.ti.com ([128.247.231.86]) by dragon.ti.com (8.6.13/ac3i.dseg.ti.com) with ESMTP id OAA13198 for <aprssig@tapr.org>; Thu, 11 Jul 1996 14:05:13 -0500
Received: from exame2.dseg.ti.com (EXAME2.dseg.ti.com [128.247.183.127]) by lesol1.dseg.ti.com (8.6.9/8.6.6) with SMTP id OAA21984 for <aprssig@tapr.org>; Thu, 11 Jul 1996 14:04:41 -0500
Date: Thu, 11 Jul 1996 14:04:40 -0500 (CDT)
From: Claude 995-5040 pager 4541 <CHEAD@exame2.dseg.ti.com>
To: aprssig@tapr.org
CC: CHEAD@exame2.dseg.ti.com
Message-Id: <960711140440.2081a42a@exame2.dseg.ti.com>
Subject: Trimble/PacComm GPS Antenna Report

I borrowed one of the Trimble/PacComm GPS antennas from Jim, AA5QX, with the idea of comparing it to the Motorola active antenna I have been using for about the last nine or ten months. The Motorola antenna has always been an excellent performer and I have been quite happy with it. It is mounted on the dashboard of my '94 Chevy Caprice. I glued (rubber cement) the top of a tin can to the dashboard right next to the windshield and on the centerline of the car. The Motorola antenna was placed on the tin can lid to keep it from sliding around, since the dash is all plastic (read non-magnetic!). I run a Garmin GPS 45 in the car.

The Trimble antenna was placed on the dashboard a few inches away from the Motorola antenna and tied down to the defroster vent with a twist tie to keep it from sliding around. I used it like that for a couple of days.

I was really quite disappointed in the Trimble with this setup. Its performance ranged from mediocre to unacceptable, sometimes not seeing any of the satellites at all even with an unobstructed view of the sky. It also seemed to be very temperature sensitive. Bummer!

However, this morning I got to wondering if a real ground plane under the

antenna would make any difference. I cut the top out of another handy tin can (about 2.5" to 3" in diameter) and put it under the Trimble, leaving it in the same place on the dashboard as before.

WOW - what a difference! The performance now ranges from excellent to outstanding, I think generally outperforming the Motorola. However, I have only used the Trimble like this for a few hours and today in Dallas is pretty cloudy, so the temperature in the car has not been extreme today so far. However, I have been impressed enough with the Trimble to put in an order for one of my own!

Moral of the story. The Trimble antenna REALLY DOES like some metal under it. This makes an enormous difference in how the antenna performs. If you are trying to use one without the ground plane, you are only getting a small fraction of what the antenna can do. Even something as simple as a tin can lid makes a huge difference.

Point two: Jim Lawyer, AA5QX, has developed a really elegant process for mounting an ordinary BNC connector in place of the SMB connector which comes on the Trimble. The antenna I was testing above had the BNC connector which he had installed, so it plugged directly into the Garmin GPS 45 with no trouble at all. Maybe with a little encouragement from the SIG he could be persuaded to detail the steps of this connector replacement for us!

Hint, Hint - Jim!!!

73 Claude Head
K5DTN

From cheisler@cyberia.com Thu Jul 11 15:01:31 1996
Received: from cyberia.com (cyberia.com [205.160.224.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id PAA15837 for <aprssig@tapr.org>; Thu, 11 Jul 1996 15:01:29 -0500 (CDT)
Message-Id: <199607112001.PAA15837@tapr.org>
Received: from sl52.cyberia.com by cyberia.com with SMTP (IPAD 1.1) id 4158700 ; Thu, 11 Jul 96 15:51:37 EST
X-Sender: cheisler@cyberia.com
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Thu, 11 Jul 1996 15:47:49 -0400
To: aprssig@tapr.org
From: "Charles E. Heisler" <cheisler@cyberia.com>
Subject: DC isolation

Hi Gang;.....Can someone tell me a easy way to build a DC isolator to put in the antenna line of my GPS-20 so that I can use a externally powered pre amp with my h/b antenna.

TNX for any info,

-73- Charlie K3VDB
-73- For Now Charlie K3VDB

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 / / < / _ _ / \ \ / / / / / / / / / / / / / /
 / / | | _ _ / \ \ / / / / / / / / / / / / / /
 / _ _ | | _ / _ _ _ _ \ X _ / _ _ / _ _ / _ _ /
 \ On Satellites K0-23 K0-25 A0-13 modes B & S /
 \           E- Mail k3vdb@amsat.org           /
 \-----/

```

From BordingK@aol.com Thu Jul 11 15:41:59 1996
 Received: from emout10.mail.aol.com (emout10.mx.aol.com [198.81.11.25]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id PAA17620 for <aprssig@tapr.org>; Thu, 11 Jul 1996 15:41:57 -0500 (CDT)
 From: BordingK@aol.com
 Received: by emout10.mail.aol.com (8.6.12/8.6.12) id QAA13385 for aprssig@tapr.org; Thu, 11 Jul 1996 16:42:25 -0400
 Date: Thu, 11 Jul 1996 16:42:25 -0400
 Message-ID: <960711164211_574667780@emout10.mail.aol.com>
 To: aprssig@tapr.org
 Subject: Re: [APRSSIG:2978] Re: Ultimeters

I spoke to Peet Bros today to order the rain gauge and the lady said they should be up on EMail and WWW soon.

'73 de KF4COH

Ken

From KD4EMI@aol.com Thu Jul 11 18:30:30 1996
 Received: from emout09.mail.aol.com (emout09.mx.aol.com [198.81.11.24]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id SAA23479 for <aprssig@tapr.org>; Thu, 11 Jul 1996 18:30:28 -0500 (CDT)
 From: KD4EMI@aol.com
 Received: by emout09.mail.aol.com (8.6.12/8.6.12) id TAA09174 for aprssig@tapr.org; Thu, 11 Jul 1996 19:31:32 -0400
 Date: Thu, 11 Jul 1996 19:31:32 -0400
 Message-ID: <960711193130_235819709@emout09.mail.aol.com>
 To: aprssig@tapr.org
 Subject: Re: [APRSSIG:2981] Re: APRS76f.zip

In a message dated 96-07-11 13:39:06 EDT, you write:

```

>
>It keeps unauthorized personnel from messing with the data going out over
>the net while still permitting full operator access to all displays and
>screens...
>
>de wb4apr@amsat.org
>
>

```

Can we get remote UNLOCK ?? via another tnc ? like a back door unlock?

Mike

KD4EMI@AOL.COM

From KD4EMI@aol.com Thu Jul 11 18:30:30 1996
Received: from emout07.mail.aol.com (emout07.mx.aol.com [198.81.11.22]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id SAA23478 for <aprssig@tapr.org>; Thu, 11 Jul 1996 18:30:28 -0500 (CDT)
From: KD4EMI@aol.com
Received: by emout07.mail.aol.com (8.6.12/8.6.12) id TAA26567 for aprssig@tapr.org; Thu, 11 Jul 1996 19:29:53 -0400
Date: Thu, 11 Jul 1996 19:29:53 -0400
Message-ID: <960711192951_235819696@emout07.mail.aol.com>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:2973] Lightning Detection

In a message dated 96-07-11 10:12:44 EDT, you write:

>
>There were a few messages about lightning detection on the sig earlier.
>Can anyone direct me to the right location to order these devices? And,
>Bob, have you any plans to add this function into APRS WX?
>--

The device I ordered basically stunk...

I am making one and will report when I can get together the program authors with interface info...

Not finished with it quite yet

Mike
KD4EMI@AOL.COM

From james-m@ix.netcom.com Thu Jul 11 20:10:51 1996
Received: from dfw-ix6.ix.netcom.com (dfw-ix6.ix.netcom.com [206.214.98.6]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id UAA27268 for <aprssig@tapr.org>; Thu, 11 Jul 1996 20:10:50 -0500 (CDT)
Received: from #james-m (sav-ga2-13.ix.netcom.com [205.184.8.77]) by dfw-ix6.ix.netcom.com (8.6.13/8.6.12) with SMTP id SAA13395; Thu, 11 Jul 1996 18:10:15 -0700
Message-ID: <31E4AE5C.17ED@ix.netcom.com>
Date: Thu, 11 Jul 1996 03:33:48 -0400
From: Don Murray <james-m@ix.netcom.com>
Organization: AE4BR
X-Mailer: Mozilla 3.0b4 (Win95; I)
MIME-Version: 1.0
To: jswift@up.net
CC: aprssig@tapr.org
Subject: re: Older KPC 3 cfg help needed
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thanks Jack and the others that sent me helpful information on how to get my older KPC-3 to working with APRS. After a hard reset I was able to get it up and running..

Again thanks for the help..
Don
AE4BR

From 104357.130@CompuServe.COM Thu Jul 11 20:23:02 1996
Received: from hil-img-3.compuserve.com (hil-img-3.compuserve.com
[149.174.177.133]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id UAA27705 for
<aprssig@tapr.org>; Thu, 11 Jul 1996 20:23:01 -0500 (CDT)
Received: by hil-img-3.compuserve.com (8.6.10/5.950515)
id VAA27858; Thu, 11 Jul 1996 21:22:28 -0400
Date: 11 Jul 96 21:20:05 EDT
From: "Chris T. Thompson" <104357.130@CompuServe.COM>
To: aprssig <aprssig@tapr.org>
Subject: CT/NY/NJ relay site
Message-ID: <960712012004_104357.130_IHS95-2@CompuServe.COM>

The Emergency Operations Center in Danbury, CT is now running a fulltime APRS relay digi. We will be observing the performance of this station to determine if it is suitable for use as a wide digi to serve upper Fairfield and lower Litchfield counties of Connecticut, and the neighboring counties in New York state.

The callsign of this station N1FTW.

I would appreciate it if other stations in this area would forward reception reports and/or comments to me via email at the following:

104357.130@compuserve.com

TNX et 73 de Chris N1NIQ

From amirault@laraby.tiac.net Thu Jul 11 20:29:03 1996
Received: from laraby.tiac.net (root@laraby.tiac.net [199.0.65.80]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id UAA27884 for <aprssig@tapr.org>; Thu, 11 Jul 1996 20:28:59 -0500 (CDT)
Received: (from amirault@localhost) by laraby.tiac.net (8.6.9/8.6.6.Beta9) id VAA08812; Thu, 11 Jul 1996 21:28:30 -0400
Date: Thu, 11 Jul 1996 21:28:29 -0400 (EDT)
From: Richard Amirault <amirault@laraby.tiac.net>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:2987] Re: Ultimeters
In-Reply-To: <960711164211_574667780@emout10.mail.aol.com>
Message-ID: <Pine.BSF.3.91.960711212730.8565B-100000@laraby.tiac.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 11 Jul 1996 BordingK@aol.com wrote:

> I spoke to Peet Bros today to order the rain gauge and the lady said they
> should be up on EMail and WWW soon.
> '73 de KF4COH
> Ken

Which rain gauge did you order? .1 or .01 in ?

I got the .1 version, and now think that I should have gotten the other....
Oh Well...

Richard Amirault N1JDU Boston, Massachusetts USA
amirault@tiac.net "Go Fly A Kite"

From ke4eer@worldnet.att.net Thu Jul 11 21:34:18 1996
Received: from mailhost.worldnet.att.net (mailhost.worldnet.att.net
[204.127.129.3]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id VAA00816 for
<aprssig@tapr.org>; Thu, 11 Jul 1996 21:34:16 -0500 (CDT)
Received: by mailhost.worldnet.att.net (SMI-8.6/SMI-SVR4)
id CAA29445; Fri, 12 Jul 1996 02:33:42 GMT
Received: from 94.dallas-1.tx.dial-access.att.net(199.69.132.94)
by mailhost.worldnet.att.net with SMTP
id A29408; Fri Jul 12 02:33:40 1996
Message-ID: <31E5D5A1.3725@worldnet.att.net>
Date: Thu, 11 Jul 1996 21:33:37 -0700
From: William Nolle <ke4eer@worldnet.att.net>
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: 76f
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bob may be worth looking into, i'm running version 76f and when loading
my backup file the P-List showed 2 pages of users, yet when i hit the
space bar to get back to the map everything was gone, except my call.

--

 \////
 (o o)
--o00-()-00o--

 Bill WA8INZ
ke4eer@worldnet.att.net
ke4eer@amsat.org

From n2psu@buttercup.cybernex.net Thu Jul 11 22:28:37 1996
Received: from buttercup.cybernex.net (buttercup.cybernex.net [204.141.116.5]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id WAA02553 for <aprssig@tapr.org>; Thu, 11
Jul 1996 22:28:33 -0500 (CDT)
Received: from n2psu-1 (nj156a-167.cybernex.net [204.141.117.167]) by
buttercup.cybernex.net (8.6.13/8.6.12) with SMTP id XAA26112 for
<aprssig@tapr.org>; Thu, 11 Jul 1996 23:27:59 -0400
Message-ID: <31E5C64B.7F4@bc.cybernex.net>
Date: Thu, 11 Jul 1996 23:28:11 -0400
From: Wayne DeBiasio <n2psu@buttercup.cybernex.net>
X-Mailer: Mozilla 2.02Gold (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: GPS Units

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I am interested in purchasing a GPS unit to work with APRS and the DFjr unit. I am not sure which unit to buy, but any help would be appreciated include good and bad information about different units.

73's de Wayne - N2PSU
n2psu@bc.cybernex.net

From YQAA78A@prodigy.com Thu Jul 11 23:08:21 1996
Received: from pimaia2y.prodigy.com (pimaia2y.prodigy.com [198.83.18.95]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id XAA04449 for <aprssig@tapr.org>; Thu, 11 Jul 1996 23:08:19 -0500 (CDT)
Received: from mime4.prodigy.com ([192.168.254.43]) by pimaia2y.prodigy.com (8.6.10/8.6.9) with ESMTP id AAA38226 for <aprssig@tapr.org>; Fri, 12 Jul 1996 00:00:27 -0400
Received: (from root@localhost) by mime4.prodigy.com (8.6.10/8.6.9) id XAA26406 for aprssig@tapr.org; Thu, 11 Jul 1996 23:58:08 -0400
Message-Id: <199607120358.XAA26406@mime4.prodigy.com>
X-Mailer: Prodigy Internet GW(v0.9beta) - ae01dm04sc03
From: YQAA78A@prodigy.com (MR EDWIN L SCHAFF)
Date: Thu, 11 Jul 1996 23:58:08, -0500
To: aprssig@tapr.org
Subject: APRS software

Would appreciate info where I can find software for the APRS operation. Please let me know also what the latest version is and where on the internet it can be found.. TNX
Ed Schaff KR6N Pensacola , FL

From jrholley@bright.net Fri Jul 12 00:08:48 1996
Received: from brutus.bright.net (root@brutus.bright.net [205.212.123.10]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id AAA10857 for <aprssig@tapr.org>; Fri, 12 Jul 1996 00:08:44 -0500 (CDT)
Received: from defil-cs-1.dial.bright.net (defil-cs-1.dial.bright.net [205.212.119.101]) by brutus.bright.net (8.7.5/CICNet) with SMTP id BAA27227 for <aprssig@tapr.org>; Fri, 12 Jul 1996 01:07:35 -0400 (EDT)
Date: Fri, 12 Jul 1996 01:07:35 -0400 (EDT)
Message-Id: <199607120507.BAA27227@brutus.bright.net>
X-Sender: jrholley@brutus.bright.net
X-Mailer: Windows Eudora Version 1.4.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: jrholley@bright.net (Jim Holley)
Subject: Re: [APRSSIG:2992] Re: Ultimeters

>On Thu, 11 Jul 1996 BordingK@aol.com wrote:

>

>> I spoke to Peet Bros today to order the rain gauge and the lady said they
>> should be up on EMail and WWW soon.
>> '73 de KF4COH

>> Ken
>
>
>Which rain gauge did you order? .1 or .01 in ?
>
>I got the .1 version, and now think that I should have gotten the other....
>Oh Well...
>
>Richard Amirault N1JDU Boston, Massachusetts USA
>amirault@tiac.net "Go Fly A Kite"
>
>
> I thought the same thing and they told me there was an adapter kit
for \$30 that would convert it to .01, will check it out soon. 73

Jim Holley Defiance, Ohio 43512-2914
kb8vdt@amsat.org Registered APRS&WAPRS
jrholley@bright.net Member TAPR&ARRL
KB8VDT @ WB8OMG.#NWOH.OH.USA.NOAM
Phone 419-782-0638

From ve4mjm@draco.bison.mb.ca Fri Jul 12 00:36:46 1996
Received: from draco.bison.mb.ca (ve4mjm@ts4m-10.mbnet.mb.ca [204.112.178.61]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id AAA14087 for <aprssig@tapr.org>; Fri, 12
Jul 1996 00:36:43 -0500 (CDT)
Received: by draco.bison.mb.ca id AA24299
 (5.67b/IDA-1.5 for aprssig@tapr.org); Fri, 12 Jul 1996 00:36:58 -0500
Date: Fri, 12 Jul 1996 00:36:58 -0500 (CDT)
From: Michael Markmann <ve4mjm@draco.bison.mb.ca>
To: aprssig@tapr.org
Subject: Upgrade file 76to76f.zip
Message-Id: <Pine.LNX.3.91.960712003501.24294A-100000@draco.bison.mb.ca>
Mime-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Bob!
You forgot to put the file APRS76F.EXE in this file!
It's only available in the whole version file aprs76f.zip.

Michael

--
Michael Markmann VE4MJM |
ve4mjm@draco.bison.mb.ca (Internet) | ERROR! REALITY.SYS Corrupted!
VE4MJM@VE4KV.#WPG.MB.CAN.NA (AX.25) | Reboot UNIVERSE.EXE!
Hobbies: Electronics, Amateur Radio, Computers, Model Trains, ...

From ve4mjm@draco.bison.mb.ca Fri Jul 12 00:43:10 1996
Received: from draco.bison.mb.ca (ve4mjm@ts4m-10.mbnet.mb.ca [204.112.178.61]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id AAA14265 for <aprssig@tapr.org>; Fri, 12
Jul 1996 00:43:07 -0500 (CDT)

Received: by draco.bison.mb.ca id AA24534
(5.67b/IDA-1.5 for aprssig@tapr.org); Fri, 12 Jul 1996 00:43:21 -0500
Date: Fri, 12 Jul 1996 00:43:21 -0500 (CDT)
From: Michael Markmann <ve4mjm@draco.bison.mb.ca>
To: aprssig@tapr.org
Subject: Tracking self via HSP
Message-Id: <Pine.LNX.3.91.960712003700.24294B-100000@draco.bison.mb.ca>
Mime-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi

Tomorrow I'm heading to a hamfest about 3 hrs. from here (Winnipeg) and will be taking a borrowed laptop and the Paccomm Tiny 2 TNC with Trimble GPS board installed which belongs to the University Radio Club here. One of the other members added some parts to create the HSP switch in the TNC. Makes for a handy mobile setup.

I just want to make sure that I will be able to track myself as we travel down the highway. Other than HSP mode I don't think anything else is needed to be able to accomplish this. There will be no radio attached to the TNC (no APRS traffic here yet :-().

Thanks in advance for any suggestions.

Michael

--

Michael Markmann VE4MJM		
ve4mjm@draco.bison.mb.ca (Internet)		ERROR! REALITY.SYS Corrupted!
VE4MJM@VE4KV.#WPG.MB.CAN.NA (AX.25)		Reboot UNIVERSE.EXE!
Hobbies: Electronics, Amateur Radio, Computers, Model Trains, ...		

From james-m@ix.netcom.com Fri Jul 12 05:15:29 1996
Received: from dfw-ix8.ix.netcom.com (dfw-ix8.ix.netcom.com [206.214.98.8]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id FAA21811 for <aprssig@tapr.org>; Fri, 12 Jul 1996 05:15:28 -0500 (CDT)
Received: from #james-m (sav-ga1-01.ix.netcom.com [205.184.8.33]) by dfw-ix8.ix.netcom.com (8.6.13/8.6.12) with SMTP id DAA06790 for <aprssig@tapr.org>; Fri, 12 Jul 1996 03:14:54 -0700
Message-ID: <31E6104F.3595@ix.netcom.com>
Date: Fri, 12 Jul 1996 04:43:59 -0400
From: Don Murray <james-m@ix.netcom.com>
Organization: AE4BR
X-Mailer: Mozilla 3.0b4 (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:2992] Re: Ultimeters
References: <Pine.BSF.3.91.960711212730.8565B-100000@laraby.tiac.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Richard Amirault wrote:

>

> On Thu, 11 Jul 1996 BordingK@aol.com wrote:

>
> > I spoke to Peet Bros today to order the rain gauge and the lady said they
> > should be up on EMail and WWW soon.
> > '73 de KF4COH
> > Ken
>
> Which rain gauge did you order? .1 or .01 in ?
>
> I got the .1 version, and now think that I should have gotten the other....
> Oh Well...
>
> Richard Amirault N1JDU Boston, Massachusetts USA
> amirault@tiac.net "Go Fly A Kite"

Nice to see that I am not the only one that kinda wish they had gotten
the .01 increment raingauge.

Don

From b.gotshall@worldnet.att.net Fri Jul 12 07:08:26 1996
Received: from mailhost.worldnet.att.net (mailhost.worldnet.att.net
[204.127.129.4]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id HAA25176 for
<aprssig@tapr.org>; Fri, 12 Jul 1996 07:08:24 -0500 (CDT)
Received: by mailhost.worldnet.att.net (SMI-8.6/SMI-SVR4)
id MAA09293; Fri, 12 Jul 1996 12:07:50 GMT
Received: from 184.orlando-1.fl.dial-access.att.net(199.70.196.184)
by mailhost.worldnet.att.net with SMTP
id A9192; Fri Jul 12 12:07:33 1996
Message-ID: <31E65FA7.2FED@worldnet.att.net>
Date: Fri, 12 Jul 1996 07:22:32 -0700
From: "B.G. Gotshall" <b.gotshall@worldnet.att.net>
X-Mailer: Mozilla 2.01E (Win16; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:2973] Lightning Detection
References: <199607111316.IAA08452@bulldog.afsc.k12.ar.us>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

J. Scott Ratchford, KC5JGV wrote:

>
> There were a few messages about lightning detection on the sig earlier.
> Can anyone direct me to the right location to order these devices? And,
> Bob, have you any plans to add this function into APRS WX?
> --
> J. Scott Ratchford - KC5JGV
> Marshall, Arkansas

Boat/ U.S. has a device called SkyScan which the add says will detect
lightning 40 miles away. Price is about \$200.

I watched one in the store, here in central Florida, during an approaching
storm and it seem to work well.

Bud (WB4LTF)

From jratchf@bulldog.afsc.k12.ar.us Fri Jul 12 07:20:59 1996
Received: from bulldog.afsc.k12.ar.us (root@[170.211.157.174]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id HAA25733 for <aprssig@tapr.org>; Fri, 12 Jul 1996
07:20:57 -0500 (CDT)
Received: from jratchf.bulldog.afsc.k12.ar.us (slip3.afsc.k12.ar.us
[170.211.157.177]) by bulldog.afsc.k12.ar.us (8.6.11/8.6.9) with SMTP id HAA20923
for <aprssig@tapr.org>; Fri, 12 Jul 1996 07:20:53 -0500
Message-Id: <199607121220.HAA20923@bulldog.afsc.k12.ar.us>
From: "J. Scott Ratchford, KC5JGV" <jratchf@bulldog.afsc.k12.ar.us>
To: <aprssig@tapr.org>
Subject: Re: [APRSSIG:2989] Re: Lightning Detection
Date: Fri, 12 Jul 1996 07:03:01 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1085
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

Where did you order it from?

> The device I ordered basically stunk...
> Mike
> KD4EMI@AOL.COM

--

J. Scott Ratchford - KC5JGV
Marshall, Arkansas

From jratchf@bulldog.afsc.k12.ar.us Fri Jul 12 07:21:01 1996
Received: from bulldog.afsc.k12.ar.us (root@[170.211.157.174]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id HAA25747 for <aprssig@tapr.org>; Fri, 12 Jul 1996
07:20:59 -0500 (CDT)
Received: from jratchf.bulldog.afsc.k12.ar.us (slip3.afsc.k12.ar.us
[170.211.157.177]) by bulldog.afsc.k12.ar.us (8.6.11/8.6.9) with SMTP id HAA20926
for <aprssig@tapr.org>; Fri, 12 Jul 1996 07:20:55 -0500
Message-Id: <199607121220.HAA20926@bulldog.afsc.k12.ar.us>
From: "J. Scott Ratchford, KC5JGV" <jratchf@bulldog.afsc.k12.ar.us>
To: <aprssig@tapr.org>
Subject: Re: [APRSSIG:2994] GPS Units
Date: Fri, 12 Jul 1996 07:11:45 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1085
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

> I am interested in purchasing a GPS unit to work with APRS and the DFjr
> unit. I am not sure which unit to buy, but any help would be
> appreciated include good and bad information about different units.
>
> 73's de Wayne - N2PSU
> n2psu@bc.cybernex.net

Any GPS with NMEA output will do. I have an aviation model Garmin 55 AVD.
These are *very* expensive, but I take mine out of the Blazer and into the
plane on weekends. There are several that have purchased non-display types
that I assume work just fine and are of course much more affordable. It
all depends on your intended use. Do you want to keep it as a "dedicated"
machine or use it elsewhere.

Good Luck!

--

J. Scott Ratchford - KC5JGV
Marshall, Arkansas

From jratchf@bulldog.afsc.k12.ar.us Fri Jul 12 07:21:02 1996
Received: from bulldog.afsc.k12.ar.us (root@[170.211.157.174]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id HAA25755 for <aprssig@tapr.org>; Fri, 12 Jul 1996
07:21:00 -0500 (CDT)
Received: from jratchf.bulldog.afsc.k12.ar.us (slip3.afsc.k12.ar.us
[170.211.157.177]) by bulldog.afsc.k12.ar.us (8.6.11/8.6.9) with SMTP id HAA20928
for <aprssig@tapr.org>; Fri, 12 Jul 1996 07:20:56 -0500
Message-Id: <199607121220.HAA20928@bulldog.afsc.k12.ar.us>
From: "J. Scott Ratchford, KC5JGV" <jratchf@bulldog.afsc.k12.ar.us>
To: <aprssig@tapr.org>
Subject: Re: [APRSSIG:2995] APRS software
Date: Fri, 12 Jul 1996 07:16:28 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1085
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

> Would appreciate info where I can find software for the APRS
> operation. Please let me know also what the latest version is and
> where on the internet it can be found.. TNX
> Ed Schaff KR6N Pensacola , Fl

Look in: <ftp://ftp.tapr.org/tapr/sig/aprssiig/files/>

>From there you can pick up the DOS version 76f, which I think is the
latest version. Be sure to register! It's cheap and makes life much
easier. :-)

--

J. Scott Ratchford - KC5JGV

Marshall, Arkansas

From BordingK@aol.com Fri Jul 12 07:25:46 1996
Received: from emout10.mail.aol.com (emout10.mx.aol.com [198.81.11.25]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id HAA25834 for <aprssig@tapr.org>; Fri, 12 Jul 1996 07:25:44 -0500 (CDT)
From: BordingK@aol.com
Received: by emout10.mail.aol.com (8.6.12/8.6.12) id IAA01889 for aprssig@tapr.org; Fri, 12 Jul 1996 08:26:13 -0400
Date: Fri, 12 Jul 1996 08:26:13 -0400
Message-ID: <960712082611_575145535@emout10.mail.aol.com>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:2989] Re: Lightning Detection

Can you let us know what that device was because I researching the same problem and do notwhat to buy THAT one!. Thanks.

73 de KF4COH Ken

From Doug_Wetzel@acs.uswest.com Fri Jul 12 08:59:58 1996
Received: from uswgco3.uswc.uswest.com (uswgco3.uswest.com [206.196.133.82]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id IAA29821 for <aprssig@tapr.org>; Fri, 12 Jul 1996 08:59:56 -0500 (CDT)
From: Doug_Wetzel@acs.uswest.com
Received: from egate.mnet.uswest.com (egate.mnet.uswest.com [151.116.23.138]) by uswgco3.uswc.uswest.com (8.7.5/8.7.1) with ESMTP id HAA06851 for <aprssig@tapr.org>; Fri, 12 Jul 1996 07:59:36 -0600 (MDT)
Received: from easthub (easthub.mnet.uswest.com [151.117.26.86]) by egate.mnet.uswest.com (8.7.1/8.7.1) with SMTP id HAA20554 for <aprssig@tapr.org>; Fri, 12 Jul 1996 07:59:36 -0600 (MDT)
Received: by easthub.mnet.uswest.com (M-Net Hub.951228)
Received: by acs.uswest.com (5.x/SMI-SVR4)
id AA16070; Fri, 12 Jul 1996 08:59:30 -0500
Received: from acmspgw1 by acs.uswest.com (5.x/SMI-SVR4)
id AB16046; Fri, 12 Jul 1996 08:59:15 -0500
Received: from ccMail by acmspgw1.mnet.uswest.com
(IMA Internet Exchange v1.04) id 1e65a790; Fri, 12 Jul 96 09:00:25 -0500
Mime-Version: 1.0
Date: Fri, 12 Jul 1996 07:57:18 -0500
Message-Id: <1e65a790@acmspgw1.mnet.uswest.com>
Subject: KPC-3 question
To: aprssig@tapr.org
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Description: cc:Mail note part

Many thanks to all of you who responded to my mynode alias question. Setting numnodes to 1 did the trick!

Now, does anyone have a quick and dirty circuit to match a low-z tnc output to a hi-z mic amplifier input?

TIA

73
Doug
KC7CO
Radio Free Utah
dwetzel@uswest.com

From jrholley@bright.net Fri Jul 12 09:50:44 1996
Received: from brutus.bright.net (root@brutus.bright.net [205.212.123.10]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA02355 for <aprssig@tapr.org>; Fri, 12
Jul 1996 09:50:42 -0500 (CDT)
Received: from defil-cs-8.dial.bright.net (defil-cs-8.dial.bright.net
[205.212.119.108]) by brutus.bright.net (8.7.5/CICNet) with SMTP id KAA05351 for
<aprssig@tapr.org>; Fri, 12 Jul 1996 10:49:34 -0400 (EDT)
Date: Fri, 12 Jul 1996 10:49:34 -0400 (EDT)
Message-Id: <199607121449.KAA05351@brutus.bright.net>
X-Sender: jrholley@brutus.bright.net
X-Mailer: Windows Eudora Version 1.4.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: jrholley@bright.net (Jim Holley)
Subject: Re: [APRSSIG:2992] Re: Ultimeters

>On Thu, 11 Jul 1996 BordingK@aol.com wrote:
>
>> I spoke to Peet Bros today to order the rain gauge and the lady said they
>> should be up on EMail and WWW soon.
>> '73 de KF4COH
>> Ken
>
>
>Which rain gauge did you order? .1 or .01 in ?
>
>I got the .1 version, and now think that I should have gotten the other....
>Oh Well...
>
>Richard Amirault N1JDU Boston, Massachusetts USA
>amirault@tiac.net "Go Fly A Kite"
>
>
> I thought the same thing and they told me there was an adapter kit
for \$30 that would convert it to .01, will check it out soon. 73

Jim Holley Defiance, Ohio 43512-2914
kb8vdt@amsat.org Registered APRS&WAPRS
jrholley@bright.net Member TAPR&ARRL
KB8VDT @ WB8OMG.#NWOH.OH.USA.NOAM
Phone 419-782-0638

From bruninga@nadm.navy.mil Fri Jul 12 11:27:05 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id LAA05661 for <aprssig@tapr.org>; Fri, 12
Jul 1996 11:27:03 -0500 (CDT)
Received: (from bruninga@localhost) by arctic.nadm.navy.mil (8.6.12/8.6.12) id
MAA27526; Fri, 12 Jul 1996 12:31:56 -0400
Date: Fri, 12 Jul 1996 12:31:56 -0400 (EDT)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: 76to76f FIXED!
Message-ID: <Pine.SUN.3.91.960712123035.27350A-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

OK, Several folks pointed out that the EXE for APRS76f.exe was left out of
theupgrade file. THAT IS NOW FIXED

And for those that got the bad copy of 76to76F, can now get just the EXE
file as EXE76f.zip

de wb4apr@amsat.org

From jratchf@bulldog.afsc.k12.ar.us Fri Jul 12 13:49:27 1996
Received: from bulldog.afsc.k12.ar.us (root@[170.211.157.174]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id NAA10876 for <aprssig@tapr.org>; Fri, 12 Jul 1996
13:49:24 -0500 (CDT)
Received: from jratchf.bulldog.afsc.k12.ar.us (slip7.afsc.k12.ar.us
[170.211.157.181]) by bulldog.afsc.k12.ar.us (8.6.11/8.6.9) with SMTP id NAA25347
for <aprssig@tapr.org>; Fri, 12 Jul 1996 13:49:15 -0500
Message-Id: <199607121849.NAA25347@bulldog.afsc.k12.ar.us>
From: "J. Scott Ratchford, KC5JGV" <jratchf@bulldog.afsc.k12.ar.us>
To: <aprssig@tapr.org>
Subject: Re: [APRSSIG:3000] Re: Lightning Detection
Date: Fri, 12 Jul 1996 10:30:39 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1085
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

>
>
> J. Scott Ratchford, KC5JGV wrote:
> >
> > There were a few messages about lightning detection on the sig
earlier.
> > Can anyone direct me to the right location to order these devices?
And,
> > Bob, have you any plans to add this function into APRS WX?

> > --
> > J. Scott Ratchford - KC5JGV
> > Marshall, Arkansas
>
> Boat/ U.S. has a device called SkyScan which the add says will detect
> lightning 40 miles away. Price is about \$200.
>
> I watched one in the store, here in central Florida, during an
approching
> storm and it seem to work well.
>
> Bud (WB4LTF)
>

OUCH! That's a bit steep!

OK, twenty questions.....how was it displayed? Was it a monitor? Built
in? On a computer screen? What was the interface? NMEA? ect. ect.
(Well, not quite 20 questions..)

--
J. Scott Ratchford - KC5JGV
Marshall, Arkansas

From wb8ypo@harborside.com Fri Jul 12 16:42:46 1996
Received: from harborside.com (root@harborside.com [204.214.110.225]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id QAA16524 for <aprssig@tapr.org>; Fri, 12 Jul 1996
16:42:44 -0500 (CDT)
Received: from p09.pb0.harborside.com (p09.pb0.harborside.com [204.214.110.106])
by harborside.com (8.6.9/8.6.12) with SMTP id OAA06820 for <aprssig@tapr.org>;
Fri, 12 Jul 1996 14:42:40 -0700
Date: Fri, 12 Jul 1996 14:42:40 -0700
Message-Id: <1.5.4.16.19960709143131.1a8f4556@harborside.com>
X-Sender: wb8ypo@harborside.com
X-Mailer: Windows Eudora Light Version 1.5.4 (16)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: Chris&Kathleen <wb8ypo@harborside.com>
Subject: Re: [APRSSIG:1176] Re: Weather Interfaces with Davis

At 09:24 PM 5/22/96 -0500, you wrote:

>P.S., Chris...guess that you never made an error when typing. i was simply
>trying to help my fellow HAMS Thanks for the Flame.....Alan

>
>

>At 07:10 PM 5/22/96 -0500, you wrote:

>>At 12:03 PM 5/22/96 -0500, Alan K. Unangst wrote:

>>>Congratulations to Bob and the Brothers Sproul. Both have come up with
>>>interfaces that allow their programs to interface and transmit real time Wx
>>>information from the Davis Instruments weather stations...THANKS!!!
>>>

>>>Even better yet is the fact that Davis is offering a 10% discount on

>>>everything in their new catalog thru 5/24. simply call their toll free
>>>number, 800-678-3699, and identify yourself as a ham, and that you saw their
>>>booth in Dayton. They will give you the discount.
>>>
>>>Again, thanks, Bob, Mark and Keith. The "APRS" community really does
>>>appreciate it!
>>>
>>>73, Alan
>>>Alan K. Unangst, WC7R
>>>E-mail: alanwc7r@primenet.com
>>>Packet: WC7R @ KB7FRV
>>>
>>>
>>>
>>WELL someone goff do not call this number it goes to Hotlines which
>>is a sex calling services so Alan PLEASE GET THE NUMBER RIGHT !!!!
>>I for one am not into a girl getting off on the phone
>>
>>73 Chris wb8ypo@harborside.com
>>
>>
>Alan K. Unangst, WC7R
>E-mail: alanwc7r@primenet.com
>Packet: WC7R @ KB7FRV
>
>
>
Thats ok we, all make ONE from time to time 73 Chris
PS I to had a good laugh with it.

From james-m@ix.netcom.com Fri Jul 12 21:30:04 1996
Received: from dfw-ix12.ix.netcom.com (dfw-ix12.ix.netcom.com [206.214.98.12]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id VAA25066 for <aprssig@tapr.org>; Fri, 12
Jul 1996 21:30:03 -0500 (CDT)
Received: from #james-m (sav-ga2-04.ix.netcom.com [205.184.8.68]) by dfw-
ix12.ix.netcom.com (8.6.13/8.6.12) with SMTP id TAA19248 for <aprssig@tapr.org>;
Fri, 12 Jul 1996 19:29:46 -0700
Message-ID: <31E6F4C4.146A@ix.netcom.com>
Date: Fri, 12 Jul 1996 20:58:44 -0400
From: Don Murray <james-m@ix.netcom.com>
Organization: AE4BR
X-Mailer: Mozilla 3.0b4 (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3006] Re: Ultimeters
References: <199607121449.KAA05351@brutus.bright.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Jim Holley wrote:

>
> >On Thu, 11 Jul 1996 BordingK@aol.com wrote:

> >
> >> I spoke to Peet Bros today to order the rain gauge and the lady said they
> >> should be up on EMail and WWW soon.
> >> '73 de KF4COH
> >> Ken
> >
> >
> >Which rain gauge did you order? .1 or .01 in ?
> >
> >I got the .1 version, and now think that I should have gotten the other....
> >Oh Well...
> >
> >Richard Amirault N1JDU Boston, Massachusetts USA
> >amirault@tiac.net "Go Fly A Kite"
> >
> >
> > I thought the same thing and they told me there was an adapter kit
> > for \$30 that would convert it to .01, will check it out soon. 73
>
>
>
> Jim Holley Defiance, Ohio 43512-2914
> kb8vdt@amsat.org Registered APRS&WAPRS
> jrholley@bright.net Member TAPR&ARRL
> KB8VDT @ WB8OMG.#NWOH.OH.USA.NOAM
> Phone 419-782-0638
>
>

Thanks for the info Jim, I think I may get that when I also get the
humidity add on..

Thanks
Don

From kevenm@valtek.com Sat Jul 13 05:47:51 1996
Received: from ns1.secure.net (root@ns1.secure.net [192.41.1.10]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id FAA13674 for <aprssig@tapr.org>; Sat, 13 Jul 1996
05:47:48 -0500 (CDT)
Received: from valtek.com by ns1.secure.net; Fri, 12 Jul 1996 22:46:34 -0600 (MDT)
Received: from valtek by valtek.com (SMI-8.6/SMI-SVR4)
id EAA18879; Sat, 13 Jul 1996 04:49:56 -0600
Received: by valtek (4.1/SMI-4.1)
id AA22974; Sat, 13 Jul 96 04:52:21 MDT
From: kevenm@valtek.com (Keven Miller)
Message-Id: <9607131052.AA22974@valtek>
Subject: Re: Dos error #6
To: aprssig@tapr.org (APRSSIG)
Date: Sat, 13 Jul 1996 04:52:20 -0600 (MDT)
X-Mailer: ELM [version 2.4 PL23]
Content-Type: text

Im referencing Dos Tech ref 1983 version 2.1

Dos function calls return error 6 meaning Invalid file handle.
Within Dos there are critical errors (The ones that generate
Abort Retry Fail
messages) and have to do more with hardware. Here error 6 is
seek error (using disk)

Keven Miller KC7LYD
kevenm@valtek.com

From mcmillan@premier.net Sat Jul 13 07:53:58 1996
Received: from premier1.premier.net (premier1.premier.net [204.178.176.23]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id HAA17127 for <aprssig@tapr.org>; Sat, 13
Jul 1996 07:53:56 -0500 (CDT)
Received: from ts4118.dialup.premier.net (ts4118.dialup.premier.net
[204.252.235.118]) by premier1.premier.net (8.7.5/8.7.3) with SMTP id HAA20285 for
<aprssig@tapr.org>; Sat, 13 Jul 1996 07:53:54 -0500
Message-Id: <199607131253.HAA20285@premier1.premier.net>
X-Sender: mcmillan@mail.premier.net
X-Mailer: Windows Eudora Version 1.4.4
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sat, 13 Jul 1996 07:53:40 -0500
To: aprssig@tapr.org
From: mcmillan@premier.net (bob mcmillan)
Subject: Re: kpc-3 problem

Ok I give up. I need help. I have a KPC-3 hooked to a laptop running APRS76.
Initially every thing worked fine. Now everything seems to work fine except
it won't plot gated positions on the map. The position of my
ht,KPC-3,laptop shows up fine.
It transmitts the position fine. It appears to receive the gated positions
from my 30mtr/145.79 gate fine, it just doesn't plot them. What did I screw
up? any help would be appreciated.

Bob McMillan
mcmillan@premier.net WB5RYR

From huey@juno.com Sat Jul 13 08:24:25 1996
Received: from x2.boston.juno.com (x2.boston.juno.com [205.231.101.21]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id IAA18126 for <aprssig@tapr.org>; Sat, 13
Jul 1996 08:24:23 -0500 (CDT)
From: huey@juno.com
Received: (from huey@juno.com) by x2.boston.juno.com (queuemail)
id JAA02460; Sat, 13 Jul 1996 09:24:19 EDT
To: aprssig@tapr.org
Date: Sat, 13 Jul 1996 09:22:33 PST
Subject: Garmin 38
Message-ID: <19960713.092236.6934.1.huey@juno.com>
References: <199607102202.RAA22075@tapr.org>
X-Mailer: Juno 1.00
X-Juno-Line-Breaks: 0,2-8

>it won't plot gated positions on the map. The position of my
>ht,KPC-3,laptop shows up fine.
>It transmitts the position fine. It appears to receive the gated positions
>from my 30mtr/145.79 gate fine, it just doesn't plot them. What did I screw
>up? any help would be appreciated.

Try C F H you may have inadvertantly turned HF mode
off and that is why it will not show gated plots on the map.

Regards, Ron ... 73 de Ron
Internet: rkramer@cdx.net (Ron Kramer)
Packet: ve3mx@ve3snp.#niag.on.can (sysop VE3SNP BBS)

From christen@codger.physics.duq.edu Sat Jul 13 11:12:23 1996
Received: from infobahn.icubed.com (infobahn.icubed.com [199.234.114.2]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id LAA23243 for <aprssig@tapr.org>; Sat, 13
Jul 1996 11:12:20 -0500 (CDT)
Received: from wm13.icubed.com by infobahn.icubed.com;
(5.65/1.1.8.2/25Jun95-1044PM)
id AA13541; Sat, 13 Jul 1996 12:09:05 -0400
Sender: paul@infobahn.icubed.com
Message-Id: <31E7C8F5.E680AC4@codger.physics.duq.edu>
Date: Sat, 13 Jul 1996 12:04:05 -0400
From: "Paul Christenson [N3EOP]" <christen@codger.physics.duq.edu>
Organization: Duquesne University Amateur Radio Club
X-Mailer: Mozilla 3.0b4Gold (X11; I; Linux 1.2.13 i486)
Mime-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:2986] DC isolation
References: <199607112001.PAA15837@tapr.org>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Charles E. Heisler wrote:

>
> Hi Gang;.....Can someone tell me a easy way to build a DC
> isolator to put in the antenna line of my GPS-20 so that I can use
> a externally powered pre amp with my h/b antenna.

This should work...

```
\                               /  
-|-----||-----|  
/-----\
```

Put a capacitor in line. At these frequencies, just about any small one
should work.

Anyone know if the Radio Shack DC blocker works at these frequencies?

From DNIELSON@novell.com Sat Jul 13 11:22:22 1996

Received: from novell.com (orm-mh.orem.novell.com [151.155.174.10]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id LAA23756 for <aprssig@tapr.org>; Sat, 13 Jul 1996 11:22:21 -0500 (CDT)

Received: from INET-ORM-Message_Server by novell.com
with Novell_GroupWise; Sat, 13 Jul 1996 10:21:59 -0600

Message-Id: <s1e778c7.033@novell.com>

X-Mailer: Novell GroupWise 4.1

Date: Sat, 13 Jul 1996 10:21:28 -0600

From: Doug Nielson <DNIELSON@novell.com>

Sender: Postmaster@novell.com

Reply-To: DNIELSON@novell.com

Errors-To: Postmaster@novell.com

To: aprssig@tapr.org

Subject: [APRSSIG:3014] test message -Reply

Encoding: 1 Text

Your test message worked just fine.

From ku0g@sprynet.com Sat Jul 13 15:41:08 1996

Received: from m1.sprynet.com (m1.sprynet.com [165.121.2.97]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id PAA01128 for <aprssig@tapr.org>; Sat, 13 Jul 1996 15:41:06 -0500 (CDT)

From: ku0g@sprynet.com

Received: from [199.174.131.66] (ad04-066.compuserve.com [199.174.131.66]) by m1.sprynet.com (8.6.12/8.6.12) with SMTP id NAA23885 for <aprssig@tapr.org>; Sat, 13 Jul 1996 13:38:50 -0700

Date: Sat, 13 Jul 1996 13:38:50 -0700

Message-Id: <199607132038.NAA23885@m1.sprynet.com>

MIME-Version: 1.0

Content-Type: text/plain

Content-Transfer-Encoding: 7bit

Subject: Downloading problem?

To: aprssig@tapr.org

X-Mailer: SPRY Mail Version: 04.00.06.21

OK, I give up....Is something wrong with the server at TAPR? I've been trying to download 7.6f all day Friday and again today. I get about 161K of 171K (EXE76F.ZIP) and nothing further. Same thing on APRS76f.ZIP (get about 185K before freeze). Same thing on 76to76f.zip...

I tried using Netscape then even went to Compuserve's FTP server. Both tries resulted in the same failures...

Is anyone else experiencing this problem?

Best 73,

Jim Duncan, KU0G

APRS--Kansas City Coordinator

EMail: ku0g@sprynet.com

From kf2wm@vhf.n2njh-5.ampr.org Sat Jul 13 16:31:32 1996

Received: from vhf.n2njh-5.ampr.org (hamgate.sunyerie.edu [192.188.232.10]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id QAA02983 for <aprssig@tapr.org>; Sat, 13

Jul 1996 16:31:30 -0500 (CDT)

Received: from vhf.n2njh-5.ampr.org by vhf.n2njh-5.ampr.org (TNOS2.02p12/U) with SMTP

id AA120307 ; Sat, 13 Jul 96 17:23:36 -0400

X-BBS-Msg-Type: B

Date: Sat, 13 Jul 96 17:17:11 -0400

Message-Id: <10475@N2NJH>

Sender: kf2wm@vhf.n2njh-5.ampr.org

From: kf2wm@vhf.n2njh-5.ampr.org

To: aprs@tapr.org

Subject: Ultimeter Help (Pse!)

All & Bob B.:

Can anyone please tell me the correct way of installing (setup, wiring) for the Ultimeter II? I am about to get my WX station up and running (just waiting for my validation from Bob B.), and it seems rather vage in some areas of wiring and setup.

I would really appreciate this info and help...again, from the wiring to proper setup of the APRS program.

Many thanks in advance... John

P.S. Does anyone have the snow gauge? How does it work? And does Peet Bros have an 800 number?

73's John Evans - KF2WM

KF2WM@KE2VW.#WNY.NY.USA.NOAM BBS Network

KF2WM@vhf.n2njh-5.ampr.org AMPRNet

KF2WM@hamgate.sunyerie.edu Internet

From dkaszubski@why.net Sat Jul 13 16:51:02 1996

Received: from where.why.net (why.net [205.240.252.21]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id QAA03893 for <aprssig@tapr.org>; Sat, 13 Jul 1996 16:51:01 -0500 (CDT)

Received: from tower173.why.net ([206.160.169.173]) by where.why.net (post.office MTA v1.9.3 ID# 0-11525) with SMTP id AAA264 for <aprssig@tapr.org>; Sat, 13 Jul 1996 16:50:45 -0500

Message-ID: <31E83643.115@why.net>

Date: Sat, 13 Jul 1996 16:50:27 -0700

From: dkaszubski@why.net (dkaszubski)

Organization: The Why? Network

X-Mailer: Mozilla 2.02 (Win95; I; 16bit)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: Source for Low Priced GPS

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

I just got a flyer from West Marine.

Sale prices good July 11 thru July 21.

Garmin 45 \$269.95
Garmin 38 \$188.95
Garmin 120 \$378.95
Magellan 3000 \$249.95

--

Dave Kaszubski WB3FYV
dkaszubski@why.net also: ustuia6v@ibmmail.com
Benbrook, Texas N 32 40.319' W 097 26.844'

President of the Texas Utilities Amateur Radio Club,
 Comanche Peak Chapter
Affiliated with RACES, ARES, TAPR, ARRL, SWOT, TPRS, Texas VHF FM Society
Still experimenting with APRS...
<http://users.why.net/dkaszubski/>

From kirk@neptune.gsfc.nasa.gov Sat Jul 13 17:43:47 1996
Received: from wheelo.gsfc.nasa.gov (wheelo.gsfc.nasa.gov [128.183.50.20]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id RAA05355 for <aprssig@tapr.org>; Sat, 13
Jul 1996 17:43:45 -0500 (CDT)
Received: from neptune.gsfc.nasa.gov by wheelo.gsfc.nasa.gov (5.65/Ultrix3.0-C)
id AA07070; Sat, 13 Jul 96 18:43:44 -0400
Received: from breezy.gsfc.nasa.gov by neptune.gsfc.nasa.gov via SMTP
(950911.SGI.8.6.12.PATCH825/920502.SGI)for <aprssig@tapr.org> id SAA28446; Sat, 13
Jul 1996 18:46:56 -0400
Message-Id: <2.2.32.19960713224401.006afa18@neptune.gsfc.nasa.gov>
X-Sender: kirk@neptune.gsfc.nasa.gov
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sat, 13 Jul 1996 18:44:01 -0400
To: aprssig@tapr.org
From: Robert Kirk <kirk@neptune.gsfc.nasa.gov>
Subject: Re: Source for Low Priced GPS

At 05:03 PM 13-07-96 -0500, dkaszubski@why.net (dkaszubski) wrote:

>I just got a flyer from West Marine.
>Sale prices good July 11 thru July 21.

>

>Garmin 45 \$269.95
>Garmin 38 \$188.95
>Garmin 120 \$378.95
>Magellan 3000 \$249.95

>

>--

>Dave Kaszubski WB3FYV

Got a flyer from BoatUS today:

19Jul-11Aug

Garmin 45 \$248.88

(Additional \$12.50 off with coupon 2-3 Aug)

Note that each store will match the other's sales.

Note also that They're dumping the 45 now that the XL is announced.

Bob Kirk
N30ZB

From ke4eer@worldnet.att.net Sat Jul 13 17:46:30 1996
Received: from mailhost.worldnet.att.net (mailhost.worldnet.att.net [204.127.129.3]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id RAA05467 for <aprssig@tapr.org>; Sat, 13 Jul 1996 17:46:28 -0500 (CDT)
Received: by mailhost.worldnet.att.net (SMI-8.6/SMI-SVR4) id WAA19325; Sat, 13 Jul 1996 22:45:55 GMT
Received: from 53.dallas-1.tx.dial-access.att.net(199.69.132.53) by mailhost.worldnet.att.net with SMTP id A19106; Sat Jul 13 22:45:47 1996
Message-ID: <31E84332.580C@worldnet.att.net>
Date: Sat, 13 Jul 1996 17:45:38 -0700
From: William Nolle <ke4eer@worldnet.att.net>
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3018] Downloading problem?
References: <199607132038.NAA23885@m1.sprynet.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

ku0g@sprynet.com wrote:

>
> OK, I give up....Is something wrong with the server at TAPR? I've been trying
> to download 7.6f all day Friday and again today. I get about 161K of 171K
> (EXE76F.ZIP) and nothing further. Same thing on APRS76f.ZIP (get about 185K
> before freeze). Same thing on 76to76f.zip...
>
> I tried using Netscape then even went to Compuserves FTP server. Both tries
> resulted in the same failures...
>
> Is anyone else experiencing this problem?
>
> Best 73,
> Jim Duncan, KU0G
> APRS--Kansas City Coordinator
> EMail: ku0g@sprynet.com

Jim i have down and uploaded several times this weekend, including downloading the full version 76f. So i would assume its your provider were the hangup is.

--

\\///
(o o)
--o00-()-00o--
Bill WA8INZ
ke4eer@worldnet.att.net
ke4eer@amsat.org

From Wwontroba@aol.com Sat Jul 13 19:47:35 1996
Received: from emout14.mail.aol.com (emout14.mx.aol.com [198.81.11.40]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id TAA09537 for <aprssig@tapr.org>; Sat, 13
Jul 1996 19:47:34 -0500 (CDT)
From: Wwontroba@aol.com
Received: by emout14.mail.aol.com (8.6.12/8.6.12) id UAA02695 for
aprssig@tapr.org; Sat, 13 Jul 1996 20:48:25 -0400
Date: Sat, 13 Jul 1996 20:48:25 -0400
Message-ID: <960713204824_433655816@emout14.mail.aol.com>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:2980] APRS76F and MAPFIX26

Bob ...

Are you aware of the change in NWS Aviation Observations format? That is ...
the conversion to METAR from the old SAO? Change went into effect July 1,
1996 and all weather observation stations not sent their obs in METAR.

73, Bill, K9PAJ

From ad4bl@juno.com Sat Jul 13 19:57:15 1996
Received: from x4.boston.juno.com (x4.boston.juno.com [205.231.101.22]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id TAA09915 for <aprssig@tapr.org>; Sat, 13
Jul 1996 19:57:14 -0500 (CDT)
Received: (from ad4bl@juno.com) by x4.boston.juno.com (queuemail)
id UAA12668; Sat, 13 Jul 1996 20:57:10 EDT
To: aprssig@tapr.org
Date: Sat, 13 Jul 1996 19:55:06 PST
Subject: Re: [APRSSIG:3018] Downloading problem?
Message-ID: <19960713.195615.3006.3.ad4bl@juno.com>
References: <199607132038.NAA23885@m1.sprynet.com>
X-Mailer: Juno 1.00
X-Juno-Line-Breaks: 0-20,22-27
From: ad4bl@juno.com (Linda G Mullen)

On Sat, 13 Jul 1996 15:45:36 -0500 (CDT) ku0g@sprynet.com writes:
>OK, I give up....Is something wrong with the server at TAPR? I've
>been trying
>to download 7.6f all day Friday and again today. I get about 161K of
>171K
>(EXE76F.ZIP) and nothing further. Same thing on APRS76f.ZIP (get
>about 185K
>before freeze). Same thing on 76to76f.zip...
>
>I tried using Netscape then even went to Compuserves FTP server. Both

>tries
>resulted in the same failures...
>
>Is anyone else experiencing this problem?
>
>Best 73,
>Jim Duncan, KU0G
>APRS--Kansas City Coordinator
>EMail: ku0g@sprynet.com
>

I had the same problem too Jim on Friday nite but was able to get in early
Sat morning...I assumed that they were just very busy.....I have not been
able to download the information on joining TAPR...the file won't come up
and I won't give my credit card on line.
Linda AD4BL

From bennerr@onlink.net Sun Jul 14 00:57:47 1996
Received: from onlink1.onlink.net (onlink1.onlink.net [204.101.46.66]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id AAA25995 for <aprssig@tapr.org>; Sun, 14 Jul 1996
00:57:45 -0500 (CDT)
Received: from tmns1_onlink5.onlink.net (tmns1_onlink5.onlink.net [204.101.91.81])
by onlink1.onlink.net (8.7.1/8.7.1) with SMTP id BAA48170; Sun, 14 Jul 1996
01:51:57 -0400
Message-Id: <2.2.16.19960714055555.30f73918@mail.onlink.net>
X-Sender: bennerr@mail.onlink.net
X-Mailer: Windows Eudora Pro Version 2.2 (16)
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable
Date: Sun, 14 Jul 1996 01:55:55 -0400
To: aprssig@tapr.org
From: Rudy Benner <bennerr@onlink.net>
Subject: Garmin 38 stuff needed.

I have the Garmin 38. I also have the data cable. I am looking for a source
of the
Garmin software. (I had a copy but it seems to have vanished mysteriously)

Any additional comments will be welcome.

Rudy Benner - EN98jl - Timmins, Ontario - VE3BDR
TS-790A, DSP-12, G-5400B, M=B2 Antennas, WiSP
Landwehr pre-amps, KCTracker/tuner
Internet - bennerr@onlink.net, ve3bdr@amsat.org

From N4TRN@aol.com Sun Jul 14 15:43:05 1996
Received: from emout07.mail.aol.com (emout07.mx.aol.com [198.81.11.22]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id PAA20064 for <APRSSIG@tapr.org>; Sun, 14
Jul 1996 15:43:03 -0500 (CDT)
From: N4TRN@aol.com
Received: by emout07.mail.aol.com (8.6.12/8.6.12) id QAA01138 for

APRSSIG@tapr.org; Sun, 14 Jul 1996 16:42:27 -0400
Date: Sun, 14 Jul 1996 16:42:27 -0400
Message-ID: <960714164225_155842348@emout07.mail.aol.com>
To: APRSSIG@tapr.org
Subject: Windows aprs

Hi Bob,

I would like to know if there is a price difference between dos and windows aprs. I am going to send in my registration in with in two weeks as I have it planned now.

Thanks for your time and a great tool.

73, Keith

From KD4EMI@aol.com Sun Jul 14 19:34:07 1996
Received: from emout07.mail.aol.com (emout07.mx.aol.com [198.81.11.22]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id TAA26590 for <aprssig@tapr.org>; Sun, 14 Jul 1996 19:34:05 -0500 (CDT)
From: KD4EMI@aol.com
Received: by emout07.mail.aol.com (8.6.12/8.6.12) id UAA12449 for aprssig@tapr.org; Sun, 14 Jul 1996 20:33:30 -0400
Date: Sun, 14 Jul 1996 20:33:30 -0400
Message-ID: <960714203329_576648096@emout07.mail.aol.com>
To: aprssig@tapr.org
Subject: question about maps and lists

I have the FLMAPS02.zip file...Ive unzipped the maps and replaced some of the same file name old maps with the new ones...

Then, I looked at the other maps of disney and cape canaveral etc...
I would really like to use these as well. Here is the confusing part for me.

Do I include all of these in MAPLIST.USA or do I make a state maplist .
How does the program go to the state maplist...does it look at the USA maplist...Im confused...

I think !! I make a maplist FL then put the maps of florida on that list.
Then what do I do to maplist USA ? DO I change it too...?

Also, who made those incredible maps !! It says they were made by CD but who acutally did it.. Id like to thank him/her

Also CUDOS to KD4UYR who kept us all informed about hurricane BERTHA when it approached FL. It was neat to see alot more APRS stations come on line just before the storm !! The state was filled with them... I only had to look at my computer to tell just where Bertha was ! KD4UYR And (W7LUS who provided the digi back into the state) did a great job....Well done...They came through !!

I also had a great HF link to KP4DDB and HH2B (Puerto Rico and Haiti) and

monitored their weather sensors ! Cool !!

Mike
KD4EMI@AOL.COM

From wa4dsy@wa4dsy.radio.org Sun Jul 14 19:51:07 1996
Received: from smtp-gw01.ny.us.ibm.net (smtp-gw01.ny.us.ibm.net [165.87.194.252])
by tapr.org (8.7.5/8.7.3/1.9) with SMTP id TAA27096 for <aprssig@tapr.org>; Sun,
14 Jul 1996 19:51:05 -0500 (CDT)
Received: (from uucp@localhost) by smtp-gw01.ny.us.ibm.net (8.6.9/8.6.9) id
AAA53701 for < aprssig@tapr.org>; Mon, 15 Jul 1996 00:50:59 GMT
Message-Id: <199607150050.AAA53701@smtp-gw01.ny.us.ibm.net>
Received: from wa4dsy-1.wa4dsy.radio.org(206.28.196.146) by smtp-
gw01.ny.us.ibm.net via smap (V1.3mjr)
id smawr8De7; Mon Jul 15 00:50:53 1996
Date: Sun, 07 Jul 96 10:30:22 EDT
From: wa4dsy@wa4dsy.radio.org (Dale Heatherington)
Reply-To: wa4dsy@wa4dsy.radio.org (Dale Heatherington)
To: aprssig@tapr.org
X-Mailer: Dale Heatherington's PMMail v1.1
Subject: Re: [APRSSIG:2871] Re: _d

On Sun, 7 Jul 1996 00:54:45 -0500 (CDT) you wrote:

```
>>- Cheap! wrote:
>>>
>>>     Kent
>>>
>>>     KQ4KK
>>
>>I got this message twice already this morning!. Not many (If any) on the sig
>>have a laptop with a CD-Rom and according to their website that's what it
>>takes to run the version that will work with GPS.
>>
> I went thru awsum gyrations to get the regular mapping program to run on
>my non-cd equipped laptop. I was able to get the mapping program and GPS
>program to run on my laptop. I was told my e-mail support from the company
>to copy the state map to a specific directory. I then looked at the file for
>Illinois. it was 17MEGS!!
```

Here's what the directory on my desktop machine looks
like after I copied the cdrom files for Georgia. PM works
with this setup. I don't have a laptop yet (one's been ordered).
I did this on the desktop to see if it would actually work.
I did this before this subject came up here and did not call
tech support. This is all my own doing.
Note that the CDROM map data is in the PMAP dir and
the actual programs are in PMAP2W.

[E:\pmap]dir

The volume label in drive E is DRV_E.
The Volume Serial Number is 2664:DC15.
Directory of E:\pmap

6-26-96	11:15a	<DIR>	0	.
6-26-96	11:15a	<DIR>	0	..
6-26-96	11:15a	<DIR>	398	GA
2-23-95	7:42a	157609	159	MAIR.ZPX
2-05-96	12:45p	1858054	160	MCITY.ZPX
12-19-94	5:21p	1405523	159	MHWY.ZPX
12-17-94	10:06a	4157865	161	MHYDRO.ZPX
6-12-95	11:15a	9476576	160	MLAND.ZPX
3-23-95	9:52a	489412	161	MSTATE.ZPX
9 file(s)		17545039 bytes used		
		84630528 bytes free		

[E:\pmap]cd ga

[E:\pmap\ga]dir

The volume label in drive E is DRV_E.
The Volume Serial Number is 2664:DC15.
Directory of E:\pmap\ga

6-26-96	11:15a	<DIR>	0	.
6-26-96	11:15a	<DIR>	0	..
4-28-95	7:20a	16935283	0	GA.ZPX
3 file(s)		16935283 bytes used		
		84630528 bytes free		

Here's a few lines of my PMAP.CFG. Note that only the
CDROM and CDOVR items needed to be changed.

[Directories]
CDROM=E:\PMAP
CDOVR=E:\PMAP
CDBIN=E:\PMAP2W
[Modules]
ASPECT=0.800
BRATIO=4.000
PMODE=1
LOADMAIN=TRUE
LOADHYDRO=TRUE
LOADNET=TRUE
LOADSTATE=TRUE
LOADCITY=TRUE
LOADAIR=TRUE
LOADLAND=TRUE
[Font Info]
FONT=ARIAL

[snip]

Good luck

Dale Heatherington, WA4DSY
e-mail - wa4dsy@wa4dsy.radio.org
Web page - http://www.wa4dsy.radio.org
Running OS/2 Warp: The only x86 operating system that
is more stable than most people who use it.

From kc5ejk@onramp.net Sun Jul 14 22:21:54 1996
Received: from mailhost.onramp.net (mailhost.onramp.net [199.1.11.3]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id WAA02053 for <aprssig@tapr.org>; Sun, 14 Jul 1996
22:21:52 -0500 (CDT)
Received: from [199.1.11.125] (dal25.onramp.net [199.1.11.125]) by
mailhost.onramp.net (8.7.3/8.6.5) with SMTP id WAA20123 for <aprssig@tapr.org>;
Sun, 14 Jul 1996 22:21:48 -0500 (CDT)
Message-Id: <v02130500ae0f0d42715a@[199.1.11.128]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sun, 14 Jul 1996 22:22:12 -0500
To: aprssig@tapr.org
From: kc5ejk@onramp.net (Robert Winingham)
Subject: Re: [APRSSIG:3025] Garmin 38 stuff needed.

>I have the Garmin 38. I also have the data cable. I am looking for a source
>of the
>Garmin software. (I had a copy but it seems to have vanished mysteriously)
>
>Any additional comments will be welcome.
>

For all things GPS set your browser to :

<ftp://sundae.triumf.ca/pub/peter/index.html>

73

Bob - Dallas,TX --- kc5ejk@onramp.net or kc5ejk@amsat.org ---

From ke4eer@worldnet.att.net Sun Jul 14 22:28:20 1996
Received: from mailhost.worldnet.att.net (mailhost.worldnet.att.net
[204.127.129.3]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id WAA02122 for
<aprssig@tapr.org>; Sun, 14 Jul 1996 22:28:17 -0500 (CDT)
Received: by mailhost.worldnet.att.net (SMI-8.6/SMI-SVR4)
id DAA09786; Mon, 15 Jul 1996 03:27:48 GMT
Received: from 168.middletown-57.va.dial-access.att.net(207.116.6.168)
by mailhost.worldnet.att.net with SMTP
id A9736; Mon Jul 15 03:27:26 1996
Message-ID: <31E9D6B3.3583@worldnet.att.net>

Date: Sun, 14 Jul 1996 22:27:15 -0700
From: William Nolle <ke4eer@worldnet.att.net>
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3027] question about maps and lists
References: <960714203329_576648096@emout07.mail.aol.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

KD4EMI@aol.com wrote:

>
> Then, I looked at the other maps of disney and cape canaveral etc...
> I would really like to use these as well. Here is the confusing part for
> me.
>
> Do I include all of these in MAPLIST.USA or do I make a state maplist .
> How does the program go to the state maplist...does it look at the USA
> maplist...Im confused...

No Mike leave the Maplist.usa just the way it is and make one for Florida.
Maplist.usa is the first maplist it will look at unless you configured it
otherwise.

>
> I think !! I make a maplist FL then put the maps of florida on that list.
> Then what do I do to maplist USA ? DO I change it too...?
>

In order to then change to your Florida maplist just do an M-C and enter the
extension of the Florida maplist> Example lets say you named the maplist
FLORIDA.NOR you would type M-C then NOR and it would load all the maps in that
Maplist. Remember though that you are only allowed to have about 160 maps in
each maplist.

> Also, who made those incredible maps !! It says they were made by CD but who
> acutally did it.. Id like to thank him/her

Can't help you on this one.

>
> Also CUDOS to KD4UYR who kept us all informed about hurricane BERTHA when it
> approached FL. It was neat to see alot more APRS stations come on line just
> before the storm !! The state was filled with them... I only had to look at
> my computer to tell just where Bertha was ! KD4UYR And (W7LUS who provided
> the digi back into the state) did a great job....Well done...They came
> through !!
>

Yes i also loaded Bertha's information onto the map for the South East and
updated the information whenever it was updated on the internet site. Hope this
helps a little Mike.

--

\\\\\\\\
(o o)

--o00-()-00o--
Bill WA8INZ
ke4eer@worldnet.att.net
ke4eer@amsat.org

From kheyboer@pinegov.co.pinellas.fl.us Mon Jul 15 06:47:02 1996
Received: from pinegov (pinegov.co.pinellas.fl.us [136.174.202.1]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id GAA21813 for <aprssig@tapr.org>; Mon, 15 Jul 1996
06:47:00 -0500 (CDT)
Received: from none.compuserve.com by pinegov (SMI-8.6/SMI-SVR4)
id CAA18689; Mon, 15 Jul 1996 02:45:43 -0400
Message-ID: <31EA2FB9.7B00@co.pinellas.fl.us>
Date: Mon, 15 Jul 1996 07:47:05 -0400
From: Kevin Heyboer <kheyboer@pinegov.co.pinellas.fl.us>
X-Mailer: Mozilla 2.02Gold (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3027] question about maps and lists
References: <960714203329_576648096@emout07.mail.aol.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

KD4EMI@aol.com wrote:

>
> I have the FLMAPS02.zip file...Ive unzipped the maps and replaced some of the
> same file name old maps with the new ones...
>
> Then, I looked at the other maps of disney and cape canaveral etc...
> I would really like to use these as well. Here is the confusing part for
> me.
>
> Do I include all of these in MAPLIST.USA or do I make a state maplist .
> How does the program go to the state maplist...does it look at the USA
> maplist...Im confused...
>
> I think !! I make a maplist FL then put the maps of florida on that list.
> Then what do I do to maplist USA ? DO I change it too...?
>
> Also, who made those incredible maps !! It says they were made by CD but who
> acutally did it.. Id like to thank him/her
>
> Also CUDOS to KD4UYR who kept us all informed about hurricane BERTHA when it
> approached FL. It was neat to see alot more APRS stations come on line just
> before the storm !! The state was filled with them... I only had to look at
> my computer to tell just where Bertha was ! KD4UYR And (W7LUS who provided
> the digi back into the state) did a great job....Well done...They came
> through !!
>
> I also had a great HF link to KP4DDB and HH2B (Puerto Rico and Haiti) and
> monitored their weaheer sensors ! Cool !!
>
> Mike
> KD4EMI@AOL.COM

Thanks for the compliment Mike....at least this year there haven't been as many as last year.....yet....but it is a lot of work to track the hurricanes including forecast positions....and if anyone would like to volunteer to help...I am all ears and antennae..

And regards the maplists.....you have two choices.....one is to add the FL maps to the maplist.usa....but they must be put in descending order....or create your own maplist...or add them to maplist.se....you can switch maplists at any time during APRS operation using the Map-Changemap command.....and you can use any of the maplists as your startup maplist by saving your config file on your registered version after choosing the alternate map.....you are only stuck with maplist.usa on startup if you are not a registered user.

Hope that helps and 73

de Kevin KD4UYR...working on my mail server...hope this one gets through

From schiers@ames.net Mon Jul 15 07:43:47 1996
Received: from bbs.ames.net (ames.net [206.29.126.2]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id HAA23573 for <aprssig@tapr.org>; Mon, 15 Jul 1996 07:43:45 -0500 (CDT)
From: schiers@ames.net
Message-Id: <199607151243.HAA23573@tapr.org>
Received: from [206.29.126.237] by ames.net id 3d5b0.wrk; Mon, 15 Jul 1996 07:42:56 -0600
Date: Mon, 15 Jul 96 07:42:43 -0500
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3026] Windows aprs
In-Reply-To: <737029@bbs.ames.net>
X-Mailer: MR/2 Internet Cruiser Edition for OS/2 v1.05

In <737029@bbs.ames.net>, on 07/14/96 at 05:07 PM,
aprssig@tapr.org said:

>Hi Bob,

>I would like to know if there is a price difference between dos and
>windows aprs. I am going to send in my registration in with in two weeks
>as I have it planned now.

>Thanks for your time and a great tool.

APRS is authored by two different people, so don't send your money for WinAPRS to Bob. The cost is 60 bucks, no upgrades required for various device support like wx, gps, etc., and it goes to Mark Sproul. I expect you will be getting a message from him regarding where to send. If not,

check back and I will look it up for ya. 73,

hasan schiers, NOAN--

schiers@ames.net

From kf2wm@vhf.n2njh-5.ampr.org Mon Jul 15 09:06:00 1996
Received: from vhf.n2njh-5.ampr.org (hamgate.sunyerie.edu [192.188.232.10]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id JAA26901 for <aprssig@tapr.org>; Mon, 15 Jul 1996 09:05:58 -0500 (CDT)
Received: from vhf.n2njh-5.ampr.org by vhf.n2njh-5.ampr.org (TNOS2.02p12/U) with SMTP

id AA120530 ; Mon, 15 Jul 96 09:58:00 -0400

X-BBS-Msg-Type: B

Date: Mon, 15 Jul 96 09:53:17 -0400

Message-Id: <10497@N2NJH>

Sender: kf2wm@vhf.n2njh-5.ampr.org

From: kf2wm@vhf.n2njh-5.ampr.org

To: aprs@tapr.org

Subject: Ultimeter Help (Please)

Hi, name here is John...I am in the process of setting up a WX station, and I would really enjoy hearing from some one that could explain to me two things.

- 1.) The correct wiring for a U-II from the U-II to the serial cable.
- 2.) The proper setup of the APRS program, to get it up and running.

Many thanks in advance....(Please help!)... John

73's John Evans - KF2WM
 KF2WM@KE2VW.#WNY.NY.USA.NOAM BBS Network
 KF2WM@vhf.n2njh-5.ampr.org AMPRNet
 KF2WM@hamgate.sunyerie.edu Internet

From sproul@ap.org Mon Jul 15 10:17:53 1996
Received: from hermes.ap.org (hermes.ap.org [165.1.6.7]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id KAA29900; Mon, 15 Jul 1996 10:17:50 -0500 (CDT)
Received: from [165.1.27.20] by janus.ap.org (SMI-8.6/SMI-SVR4)
id LAA27120; Mon, 15 Jul 1996 11:13:55 -0400

X-Sender: sproul@165.1.6.1

Message-Id: <v0300760bae1009ae14fa@[165.1.27.20]>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Date: Mon, 15 Jul 1996 10:55:32 -0400

To: aprssig@tapr.org, winaprs@tapr.org

From: Mark Sproul <sproul@ap.org>

Subject: WinAPRS 1.1.2 released

To all WinAPRS users

I have just realeased Version 1.1.2 of WinAPRS. I recommend all upgrade to 1.1.2 as soon as they can.

Thanks to hasan schiers, N0AN, who helped me track down some specific problems.

Bug fixes

Problems with dual port TNCs (PK-900 Kam plus) have been fixed

Some weather releated upating has been fixed

New features

In the MESSAGE LIST, there are 3 buttons at the top of the window

ALL MESSAGES BULLITENS ONLY MY MESSAGES ONLY

I think you can figure these out

I am still working on the HSP stuff, I promise it WILL get done, the serial code is just a major pain to get working on BOTH Win95 AND Win 3.1 at the same time

There are TWO files on the FTP sites, W112UPDT.ZIP is just the updates and DLLs, WAPRS112.ZIP is the full distribution including maps. If you are already running WinAPRS, just download the update file.

side note:

It appears that my humor has been missed by a few people, the default call sign for WinAPRS is N0CLU, this is NOT a valid call. The call sign stands for

NO CLUe

Apparently someone in the midwest was trying to send a message (via APRS) to N0CLU to tell them that there lat lon was set incorrectly.

Hasan, did you happen to notice who that was??

Mark

Mark Sproul	Amateur Radio: KB2ICI
Software Engineer @ Assoc Press	
sproul@ap.org	Work: 609-860-7120
North Brunswick, NJ	Fax: 609-860-7129

<http://msproul.rutgers.edu/>

From schiers@ames.net Mon Jul 15 10:32:17 1996
Received: from bbs.ames.net (ames.net [206.29.126.2]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id KAA00769 for <aprssig@tapr.org>; Mon, 15 Jul 1996
10:32:15 -0500 (CDT)
From: schiers@ames.net
Message-Id: <199607151532.KAA00769@tapr.org>
Received: from [206.29.126.237] by ames.net id 53eb0.wrk; Mon, 15 Jul 1996
10:31:24 -0600
Date: Mon, 15 Jul 96 10:32:02 -0500
To: aprssig@tapr.org
Subject: Re: [APRSSIG:2985] Trimble/PacComm GPS Antenna Report
In-Reply-To: <734358@bbs.ames.net>
X-Mailer: MR/2 Internet Cruiser Edition for OS/2 v1.05

In <734358@bbs.ames.net>, on 07/11/96 at 03:44 PM,
aprssig@tapr.org said:

>I borrowed one of the Trimble/PacComm GPS antennas

Could some one put me on to a source (with phone number) of an adapter
that goes from the Trimble sma or smb (whatever it is) to BNC for my
GPS-45 Garmin.

I saw some mention of it a long time ago, but can't locate it. THANKS!

73

hasan schiers, NOAN--

schiers@ames.net

From sem2r@galen.med.virginia.edu Mon Jul 15 11:10:34 1996
Received: from virginia.edu (mars.itc.Virginia.EDU [128.143.2.9]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id LAA02656 for <aprssig@tapr.org>; Mon, 15 Jul 1996
11:10:31 -0500 (CDT)
Received: from avery.med.virginia.edu by mail.virginia.edu id aa10741;
15 Jul 96 12:01 EDT
Received: from bootp-109-48.bootp.Virginia.EDU (bootp-109-48.bootp.Virginia.EDU
[128.143.109.48]) by avery.med.Virginia.EDU (8.7.1/8.6.6) with SMTP id MAA75084
for <aprssig@tapr.org>; Mon, 15 Jul 1996 12:01:08 -0400
Message-Id: <199607151601.MAA75084@avery.med.Virginia.EDU>
X-Authentication-Warning: avery.med.Virginia.EDU: Host
bootp-109-48.bootp.Virginia.EDU [128.143.109.48] didn't use HELO protocol
X-Sender: sem2r@avery.med.virginia.edu
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Mon, 15 Jul 1996 12:01:07 -0400

To: aprssig@tapr.org
From: "Stacey E. Mills, M.D." <sem2r@galen.med.virginia.edu>
Subject: Re: [APRSSIG:3035] Re: Trimble/PacComm GPS Antenna Report

At 10:45 AM 7/15/96 -0500, you wrote:

>In <734358@bbs.ames.net>, on 07/11/96 at 03:44 PM,

> aprssig@tapr.org said:

>

>>I borrowed one of the Trimble/PacComm GPS antennas

>

>Could some one put me on to a source (with phone number) of an adapter

>that goes from the Trimble sma or smb (whatever it is) to BNC for my

>GPS-45 Garmin.

>

>I saw some mention of it a long time ago, but can't locate it. THANKS!

>hasan schiers, NOAN--

One source is:

Pasternack Enterprises

P.O. Box 16759

Irvine, CA 92713-6759

(714) 261-1920

...but they ain't cheap (~\$25.00).

...I suspect that there are less expensive (?lower quality) sources and I'd be interested as well.

For the moment, I've got one "kludged together" with an SMB circuit board mount, short piece of RG-58 soldered to the SMB mount with a BNC connector on the other end...works but it's "ugly".

BTW: the antenna is great!!

Stacey E. Mills

E-Mail: sem2r@galen.med.virginia.edu

Office Phone: 804-982-4406

Office Fax: 804-924-8767

From cummings@daykimhosp.chime.org Mon Jul 15 11:17:53 1996

Received: from gatekeeper.daykimhosp.chime.org (gatekeeper.daykimhosp.chime.org [170.163.45.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id LAA02816 for <aprssig@tapr.org>; Mon, 15 Jul 1996 11:17:51 -0500 (CDT)

From: cummings@daykimhosp.chime.org

Received: (mail@localhost) by gatekeeper.daykimhosp.chime.org (8.6.9/8.6.9) id OAA10378 for <aprssig@tapr.org>; Mon, 15 Jul 1996 14:49:24 -0400

Received: from unknown(170.163.44.5) by gatekeeper.daykimhosp.chime.org via smap (V1.3)

id sma010374; Mon Jul 15 14:48:58 1996

Received: from ccMail by MAILGATE.DAYKIMHOSP.CHIME.ORG (SMTPLINK V2.11.01)

id AA837458109; Mon, 15 Jul 96 12:10:17 EST

Date: Mon, 15 Jul 96 12:10:17 EST
Message-Id: <9606158374.AA837458109@MAILGATE.DAYKIMHOSP.CHIME.ORG>
To: aprssig@tapr.org
Subject: Tracking in WinAPRS

Hello,

I have been trying to replay tracks on WinAPRS and can't quite figure it out. My tracked stations list will contain entries for mobiles but when I click on "replay tracks" it won't do anything....

Any ideas? I probably am just not seeing something right in front of me (in which case I apologize in advance).

Ian Cummings
<http://www.neca.com/~cummings>

From sproul@ap.org Mon Jul 15 12:27:47 1996
Received: from janus.ap.org (eos.ap.org [165.1.6.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id MAA06727 for <aprssig@tapr.org>; Mon, 15 Jul 1996 12:27:44 -0500 (CDT)
Received: from [165.1.27.20] by janus.ap.org (SMI-8.6/SMI-SVR4) id NAA01890; Mon, 15 Jul 1996 13:23:49 -0400
X-Sender: sproul@165.1.6.1
Message-Id: <v03007600ae1028c9d813@[165.1.27.20]>
In-Reply-To: <9606158374.AA837458109@MAILGATE.DAYKIMHOSP.CHIME.ORG>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Mon, 15 Jul 1996 12:57:48 -0400
To: aprssig@tapr.org
From: Mark Sproul <sproul@ap.org>
Subject: Re: [APRSSIG:3037] Tracking in WinAPRS
Cc: cummings@daykimhosp.chime.org

> Hello,
>
> I have been trying to replay tracks on WinAPRS and can't quite
> figure it out. My tracked stations list will contain entries for
> mobiles but when I click on "replay tracks" it won't do anything....
>
> Any ideas? I probably am just not seeing something right in front
> of me (in which case I apologize in advance).
>
>
> Ian Cummings
> <http://www.neca.com/~cummings>

There is a setting in the APRS SETTINGS dialog box AUTO TRACK STATIONS, this must be set to on in order to track stations

As of 1.1.2, the default is now ON, it used to be OFF,

Mark

Mark Sproul	Amateur Radio: KB2ICI
Software Engineer @ Assoc Press	
sproul@ap.org	Work: 609-860-7120
North Brunswick, NJ	Fax: 609-860-7129
http://msproul.rutgers.edu/	

From KD4LTR@aol.com Mon Jul 15 12:29:20 1996
Received: from emout07.mail.aol.com (emout07.mx.aol.com [198.81.11.22]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id MAA06775 for <aprssig@tapr.org>; Mon, 15 Jul 1996 12:29:18 -0500 (CDT)
From: KD4LTR@aol.com
Received: by emout07.mail.aol.com (8.6.12/8.6.12) id NAA01336 for aprssig@tapr.org; Mon, 15 Jul 1996 13:28:39 -0400
Date: Mon, 15 Jul 1996 13:28:39 -0400
Message-ID: <960715132828_360035556@emout07.mail.aol.com>
To: aprssig@tapr.org
Subject: Mark/Space/Shift

What mark, space, and shift are being used on 10.151. Thanks. My packet software that I used for Rtty and other modes are different and I just want to be sure.
Thanks, Whit KD4LTR - Memphis, Tn.

From rcarpen@DGS.dgsys.com Mon Jul 15 13:06:40 1996
Received: from DGS.dgsys.com (root@dgs.dgsys.com [204.97.64.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id NAA08673 for <aprssig@tapr.org>; Mon, 15 Jul 1996 13:06:39 -0500 (CDT)
Received: from DGS (dgs.dgsys.com) by DGS.dgsys.com (5.0/SMI-SVR4) id AA21993; Mon, 15 Jul 1996 14:01:09 -0400
Date: Mon, 15 Jul 1996 14:01:09 -0400 (EDT)
From: "Robert J. Carpenter" <rcarpen@DGS.dgsys.com>
X-Sender: rcarpen@DGS
To: "Stacey E. Mills, M.D." <sem2r@galen.med.virginia.edu>
Cc: aprssig@tapr.org
Subject: Re: [APRSSIG:3036] Re: Trimble/PacComm GPS Antenna Report
In-Reply-To: <199607151601.MAA75084@avery.med.Virginia.EDU>
Message-Id: <Pine.SOL.3.91.960715133913.18514A-1000000@DGS>
Mime-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 15 Jul 1996, Stacey E. Mills, M.D. wrote:
> At 10:45 AM 7/15/96 -0500, you wrote:
> >In <734358@bbs.ames.net>, on 07/11/96 at 03:44 PM,
> > aprssig@tapr.org said:
> >>I borrowed one of the Trimble/PacComm GPS antennas
> >Could some one put me on to a source (with phone number) of an adapter
> >that goes from the Trimble sma or smb (whatever it is) to BNC for my

> >GPS-45 Garmin.
> >hasan schiers, NOAN--
> One source is:
> Pasternack Enterprises
> P.O. Box 16759
> Irvine, CA 92713-6759
> (714) 261-1920
> ..but they ain't cheap (~\$25.00).
> ..I suspect that there are less expensive (?lower quality) sources and I'd
> be interested as well.
> -----
> Stacey E. Mills

About a month ago I dropped by "The RF Connection" on Frederick Road in Gaithersburg, MD, and bought RG-174 to male and female BNC connectors. The wire on the Trimble is larger than RG-174, so using a micrometer I chose the correct drills to slightly enlarge the holes in the rear clamp and an internal plastic sleeve in the BNC. It was easy to put together, and the best part was the \$2.50 price per connector.

Sorry but I don't have the type number of the 174-BNC connect at hand at the moment.

BTW, these were the easiest-to-assemble clamp BNC connectors I've ever seen. The internal plastic sleeves made avoiding shorts very easy.

73 de Bob w3otc

From cummings@daykimhosp.chime.org Mon Jul 15 13:27:51 1996
Received: from gatekeeper.daykimhosp.chime.org (gatekeeper.daykimhosp.chime.org [170.163.45.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id NAA09301 for <aprssig@tapr.org>; Mon, 15 Jul 1996 13:27:49 -0500 (CDT)
From: cummings@daykimhosp.chime.org
Received: (mail@localhost) by gatekeeper.daykimhosp.chime.org (8.6.9/8.6.9) id QAA10507 for <aprssig@tapr.org>; Mon, 15 Jul 1996 16:59:25 -0400
Received: from unknown(170.163.44.5) by gatekeeper.daykimhosp.chime.org via smap (V1.3)
id sma010502; Mon Jul 15 16:58:59 1996
Received: from ccMail by MAILGATE.DAYKIMHOSP.CHIME.ORG (SMTPLINK V2.11.01) id AA837465910; Mon, 15 Jul 96 14:18:37 EST
Date: Mon, 15 Jul 96 14:18:37 EST
Message-Id: <9606158374.AA837465910@MAILGATE.DAYKIMHOSP.CHIME.ORG>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3038] Re: Tracking in WinAPRS

Yes, I have that set and it still fails to replay tracks. I also updated to the latest version of winaprs (1.1.2) and have some sort of glitch with the icon display (displays as a bar across the entire screen no matter what icon I select). If I click to turn icons off nobody displays on my screen. I'm running 3.1 with win32s and that might be the problem (?). I will try on my windows 95 machines at home.

----- Reply Separator -----
Subject: [APRSSIG:3038] Re: Tracking in WinAPRS
Author: aprssig@tapr.org at Internet
Date: 7/15/96 1:53 PM

> Hello,
>
> I have been trying to replay tracks on WinAPRS and can't quite
> figure it out. My tracked stations list will contain entries for
> mobiles but when I click on "replay tracks" it won't do anything....
>
> Any ideas? I probably am just not seeing something right in front
> of me (in which case I apologize in advance).
>
> Ian Cummings
> <http://www.neca.com/~cummings>

There is a setting in the APRS SETTINGS dialog box AUTO TRACK STATIONS,
this must be set to on in order to track stations

As of 1.1.2, the default is now ON, it used to be OFF,

Mark

Mark Sproul | Amateur Radio: KB2ICI
Software Engineer @ Assoc Press |
sproul@ap.org | Work: 609-860-7120
North Brunswick, NJ | Fax: 609-860-7129
<http://msproul.rutgers.edu/>

From schiers@ames.net Mon Jul 15 13:45:42 1996
Received: from bbs.ames.net (ames.net [206.29.126.2]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id NAA10015 for <aprssig@tapr.org>; Mon, 15 Jul 1996
13:45:40 -0500 (CDT)
From: schiers@ames.net
Message-Id: <199607151845.NAA10015@tapr.org>
Received: from [206.29.126.237] by ames.net id 6d960.wrk; Mon, 15 Jul 1996
13:44:44 -0600
Date: Mon, 15 Jul 96 13:35:56 -0500
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3037] Tracking in WinAPRS
In-Reply-To: <737747@bbs.ames.net>
X-Mailer: MR/2 Internet Cruiser Edition for OS/2 v1.05

In <737747@bbs.ames.net>, on 07/15/96 at 12:59 PM,
aprssig@tapr.org said:

> Hello,
>
> I have been trying to replay tracks on WinAPRS and can't quite
> figure it out. My tracked stations list will contain entries for
> mobiles but when I click on "replay tracks" it won't do anything....
>
> Any ideas? I probably am just not seeing something right in front

> of me (in which case I apologize in advance).
>
>
> Ian Cummings
> <http://www.neca.com/~cummings>

Hi Ian...I had the same problem...let me explain how to do it.

1. Make sure there are "tracked packets" shown. Not all stations on the track list necessarily have "track packets" received yet. You will see the number of packets and track packets displayed separately on the Track List. You also have to have checked "autotrack moving objects" in the Setup Menu.,
2. On any map screen where the station you want to replay shows up, single click on the station to highlight it. (Get down to the detail level you want ahead of time...if you don't, you have to re-highlight it. The station doesn't stay "hooked" when you zoom the map.
3. Go to the "Display" menu, and at the bottom is a selection for Replay Track.
Click on it and away you go.

If no station is highlighted or there are no track packets, nothing happens.

73

hasan schiers, NOAN--

schiers@ames.net

From rboast@itexas.net Mon Jul 15 13:46:44 1996
Received: from mailhost.itexas.net (mailhost.itexas.net [207.22.198.33]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id NAA10050 for <aprssig@tapr.org>; Mon, 15 Jul 1996 13:46:43 -0500 (CDT)
Received: from rboast.itexas.net ([207.22.198.50]) by mailhost.itexas.net (post.office MTA v1.9.3 ID# 0-12497) with SMTP id AAA131 for <aprssig@tapr.org>; Mon, 15 Jul 1996 13:48:13 -0500

From: rbest@itexas.net (Roy Bost)
To: <aprssig@tapr.org>
Subject: Re: [APRSSIG:3037] Tracking in WinAPRS
Date: Mon, 15 Jul 1996 13:47:14 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1085
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Message-ID: <19960715184812700.AAA131@rbest.itexas.net>

You need to click on the station icon before clicking on the replay.

Roy, N5TAM

From schiers@ames.net Mon Jul 15 13:52:58 1996
Received: from bbs.ames.net (ames.net [206.29.126.2]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id NAA10418 for <aprssig@tapr.org>; Mon, 15 Jul 1996
13:52:57 -0500 (CDT)
From: schiers@ames.net
Message-Id: <199607151852.NAA10418@tapr.org>
Received: from [206.29.126.237] by ames.net id 6e800.wrk; Mon, 15 Jul 1996
13:52:06 -0600
Date: Mon, 15 Jul 96 13:52:03 -0500
To: aprssig@tapr.org
Subject: Re: [APRSSIG:2985] Trimble/PacComm GPS Antenna Report
In-Reply-To: <734358@bbs.ames.net>
X-Mailer: MR/2 Internet Cruiser Edition for OS/2 v1.05

In <734358@bbs.ames.net>, on 07/11/96 at 03:44 PM,
aprssig@tapr.org said:

>Moral of the story. The Trimble antenna REALLY DOES like some metal under
>it. This makes an enormous difference in how the antenna performs. If
>you are trying to use one without the ground plane, you are only getting
>a small fraction of what the antenna can do. Even something as simple as
>a tin can lid makes a huge difference.

I can verify this...a reflective metal surface is required for proper
performance of the antenna. It works, very, very well under those
circumstances. I have even considered putting it on top of my black jack
antenna ...but think it may be made of aluminum stock, so may not stick.
73,

hasan schiers, NOAN--

schiers@ames.net

From schiers@ames.net Mon Jul 15 15:03:14 1996
Received: from bbs.ames.net (ames.net [206.29.126.2]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id PAA14070 for <aprssig@tapr.org>; Mon, 15 Jul 1996

15:03:12 -0500 (CDT)
From: schiers@ames.net
Message-Id: <199607152003.PAA14070@tapr.org>
Received: from [206.29.126.237] by ames.net id 78490.wrk; Mon, 15 Jul 1996
15:02:18 -0600
Date: Mon, 15 Jul 96 15:02:26 -0500
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3039] Mark/Space/Shift
In-Reply-To: <737833@bbs.ames.net>
X-Mailer: MR/2 Internet Cruiser Edition for OS/2 v1.05

In <737833@bbs.ames.net>, on 07/15/96 at 02:37 PM,
aprssig@tapr.org said:

>What mark, space, and shift are being used on 10.151. Thanks. My packet
>software
>that I used for Rtty and other modes are different and I just want to be
>sure.
>Thanks, Whit KD4LTR - Memphis, Tn.

If you are running FSK, I don't have a clue, if AFSK, you would want
10.151 LSB, 170 to 200 hz shift (200 is most common) and since you are on
ssb with afsk (if true), the tones themselves don't matter if they are in
the passband of your radio. 73,

hasan schiers, NOAN--

schiers@ames.net

From n8chb@tir.com Mon Jul 15 15:32:40 1996
Received: from tir.com (sun.tir.com [205.138.41.6]) by tapr.org (8.7.5/8.7.3/1.9)
with ESMTP id PAA15303 for <aprssig@tapr.org>; Mon, 15 Jul 1996 15:32:39 -0500
(CDT)
Received: from n8chb.tir.com (an8liv.tir.com [205.218.84.10]) by tir.com
(8.7.5/8.7) with SMTP id QAA13019 for <aprssig@tapr.org>; Mon, 15 Jul 1996
16:29:07 -0400 (EDT)
Message-ID: <31EB0D10.714C@tir.com>
Date: Mon, 15 Jul 1996 20:31:28 -0700
From: Roger Breckon <n8chb@tir.com>
Reply-To: n8chb@tir.com
X-Mailer: Mozilla 3.0b3 (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3039] Mark/Space/Shift
References: <960715132828_360035556@emout07.mail.aol.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

KD4LTR@aol.com wrote:

>
> What mark, space, and shift are being used on 10.151. Thanks. My packet
> software

> that I used for Rtty and other modes are different and I just want to be
> sure.
> Thanks, Whit KD4LTR - Memphis, Tn.

//////////

AFSK 300 bps 200 Hz shift, M 2110 Hz, S 2310 Hz
AFSK 1200 bps 1000 Hz shift, M 1200 Hz, S 2200 Hz

hope this helps

de Roger n8chb@tir.com

From sem2r@galen.med.virginia.edu Mon Jul 15 16:44:57 1996
Received: from virginia.edu (mars.itc.Virginia.EDU [128.143.2.9]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id QAA18690 for <aprssig@tapr.org>; Mon, 15 Jul 1996
16:44:56 -0500 (CDT)
Received: from avery.med.virginia.edu by mail.virginia.edu id aa26253;
15 Jul 96 17:35 EDT
Received: from default (slip-4-6.acc.Virginia.EDU [128.143.7.246]) by
avery.med.Virginia.EDU (8.7.1/8.6.6) with SMTP id RAA91998 for <aprssig@tapr.org>;
Mon, 15 Jul 1996 17:35:04 -0400
Message-Id: <2.2.32.19960715213507.00731dc0@avery.med.virginia.edu>
X-Sender: sem2r@avery.med.virginia.edu
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Mon, 15 Jul 1996 17:35:07 -0400
To: aprssig@tapr.org
From: "Stacey E. Mills, M.D." <sem2r@galen.med.virginia.edu>
Subject: Re: [APRSSIG:3035] Re: Trimble/PacComm GPS Antenna Report

At 10:45 AM 7/15/96 -0500, you wrote:

>Could some one put me on to a source (with phone number) of an adapter
>that goes from the Trimble sma or smb (whatever it is) to BNC for my
>GPS-45 Garmin.

>

>I saw some mention of it a long time ago, but can't locate it. THANKS!

>

>73

>

>hasan schiers, NOAN--

The end of the Trimble is female. You need a male SMB, also called a "jack."
The Pasternack part for BNC male >> SMB jack is PE9132 (cost = \$25.95).

Hope this helps.

--de WB4QKT

Stacey E. (Chuck) Mills

E-mail: sem2r@galen.med.virginia.edu

From dseaburg@web-access.net Mon Jul 15 19:39:44 1996
Received: from austin.aus.sig.net (root@austin.aus.sig.net [199.1.78.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id TAA24970 for <aprssig@tapr.org>; Mon, 15 Jul 1996 19:39:43 -0500 (CDT)
Received: from seab486dx4 (ppp157.web-access.net [205.241.59.157]) by austin.aus.sig.net (8.7.5/8.7.3) with SMTP id TAA06735 for <aprssig@tapr.org>; Mon, 15 Jul 1996 19:39:17 -0500 (CDT)
Message-ID: <31EAE4E3.7613@web-access.net>
Date: Mon, 15 Jul 1996 19:40:03 -0500
From: Dale Seaburg <dseaburg@web-access.net>
X-Mailer: Mozilla 2.01Gold (WinNT; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3031] Re: question about maps and lists
References: <31EA2FB9.7B00@co.pinellas.fl.us>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Kevin Heyboer wrote:

>
> And regards the maplists.....you have two choices.....one is to add the FL maps to the
> maplist.usa....but they must be put in descending order....or create your own

OK, maybe the doc's explain, but I was not able to find easily. What do you mean by descending order, Kevin? I had added a map to Texas (maplist.tx), and it said it was out of sequence, or something like that. HUH? I did not quite understand. Again, maybe I have not dug down deep enough in the doc's but, would you mind shedding light on descending order...

Thanks.

Dale. KG5LT

From snabkey@wingsbbs.com Mon Jul 15 20:44:38 1996
Received: from wingsbbs.com ([205.243.16.10]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id UAA26958 for <aprssig@tapr.org>; Mon, 15 Jul 1996 20:44:37 -0500 (CDT)
Message-Id: <199607160144.UAA26958@tapr.org>
Received: from inertia.net by wingsbbs.com
with SMTP (IPAD 1.1b) id 3758100 ; Mon, 15 Jul 96 20:52:10 UTC
Comments: Authenticated sender is <snabkey@wingsbbs.com>
From: "Sam Nabkey, WJ8T" <snabkey@wingsbbs.com>
To: aprssig@tapr.org
Date: Mon, 15 Jul 1996 21:42:54 -0000
Subject: Ultimeter II and KPC-3
Priority: normal
X-mailer: Pegasus Mail for Windows (v2.23)

I thought there was a way for a KPC-3 to be directly interfaced to

the Ultimeter II.

I was just informed , that maybe I was misinformed..

Can someone (anyone) clear this up?

Who here uses this combo?

Sam.

Sam Nabkey - WJ8T

Internet: snabkey@wingsbbs.com (<http://205.243.16.75>)

amprnet: wj8t@w8dc.ampr.org

AX.25: WJ8T@W8DC.#SWMI.MI.USA.NOAM

From stanzepa@usa.nai.net Mon Jul 15 21:17:46 1996

Received: from usa.nai.net (usa.nai.net [204.71.21.10]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id VAA28068 for <aprssig@tapr.org>; Mon, 15 Jul 1996 21:17:45 -0500 (CDT)

Received: from [206.98.48.253] (naih1p2.nai.net [206.98.48.253]) by usa.nai.net (8.6.12/8.6.5) with SMTP id WAA14881 for <aprssig@tapr.org>; Mon, 15 Jul 1996 22:13:19 -0400

X-Sender: stanzepa@nai.net (Unverified)

Message-Id: <v01510100ae104eac725d@[206.98.48.241]>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Date: Mon, 15 Jul 1996 22:18:27 -0400

To: aprssig@tapr.org

From: stanzepa@usa.nai.net (stan horzepa)

Subject: Perseids redux

Any of you ladies and gentlemen interested in running another APRS meteor shower test during the upcoming Perseids meteor shower. The predicted peak of the shower is August 9-10, so we could run the test for a 36-hour period (August 9 0000Z to August 10 1200Z).

Last year, the results were impressive even with relatively low participation. If more stations participate this year, it could really be interesting.

Since this is my big idea, I'll volunteer to receive, compile, and publish the results (unless someone else steps forward).

Any interest? Comments?

Stan, WA1LOU

From ko6xs@ko6xs.ampr.org Mon Jul 15 22:02:59 1996

Received: from ko6xs.ampr.org (ko6xs.ampr.org [44.16.1.241]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id VAA29752 for <aprssig@tapr.org>; Mon, 15 Jul 1996 21:58:42 -0500 (CDT)

I think there was some discussion some time ago about how to eliminate duplicate messages by comparing message size. I was half listening. Can some one tell me again how that could be done? Thanks in advance.

73s de Jon Kaplan

From largriff@onramp.net Mon Jul 15 22:10:56 1996
Received: from mailhost.onramp.net (mailhost.onramp.net [199.1.11.3]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id WAA00499 for <aprssig@tapr.org>; Mon, 15 Jul 1996 22:10:54 -0500 (CDT)
Received: from larry.onramp.net (red150.onramp.net [206.104.118.150]) by mailhost.onramp.net (8.7.3/8.6.5) with SMTP id WAA25657 for <aprssig@tapr.org>; Mon, 15 Jul 1996 22:10:53 -0500 (CDT)
Received: by larry.onramp.net with Microsoft Mail id <01BB729A.68ECCCA0@larry.onramp.net>; Mon, 15 Jul 1996 22:10:19 -0500
Message-ID: <01BB729A.68ECCCA0@larry.onramp.net>
From: Larry Griffin <largriff@onramp.net>
To: "'aprssig@tapr.org'" <aprssig@tapr.org>
Subject: DeLorme Map-N-Go 2.0
Date: Mon, 15 Jul 1996 22:09:04 -0500
Encoding: 6 TEXT

Larry - AB5GE

From rwf@mindspring.com Mon Jul 15 23:52:54 1996
Received: from itchy.mindspring.com (itchy.mindspring.com [204.180.128.6]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id XAA05726 for <aprssig@tapr.org>; Mon, 15
Jul 1996 23:52:53 -0500 (CDT)
Received: from borg.mindspring.com (borg.mindspring.com [204.180.128.14]) by
itchy.mindspring.com (8.7.5/8.7.3) with ESMTP id AAA03417 for <aprssig@tapr.org>;
Tue, 16 Jul 1996 00:52:52 -0400 (EDT)
Received: from rwf.mindspring.com (user-168-121-44-154.dialup.mindspring.com
[168.121.44.154]) by borg.mindspring.com (8.6.12/8.6.12) with SMTP id AAA05501 for

<aprssig@tapr.org>; Tue, 16 Jul 1996 00:52:47 -0400
Message-Id: <2.2.32.19960716045420.006eec78@mindspring.com>
X-Sender: rwf@mindspring.com
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Tue, 16 Jul 1996 00:54:20 -0400
To: aprssig@tapr.org
From: rwf <rwf@mindspring.com>
Subject: Re: [APRSSIG:3049] Ultimeter II and KPC-3

I use it on N4NEQ-8 up in the mtns on N GA. The wind and temperature have to be just right in order for the moonshine to be worth a toot as it comes out of the still.

I plugged the U-II into the KPC-3 using a "gender bender" that converted the female DB25 on the U-II into male DB25.

I set up the KPC to think it was connected to a GPS, with the # symbol as the Gpshead number 1.

I set The path (LTP 1) to be what I wanted and set the interbla (BLT 1) to 9 minutes.

I set the Btext to be my lat/long (like in a digi) with a comment about where the unit is and a message for the revenooers to keep away.

I set the Beacon timing to be every 20 minutes.

Everything works fine except for this (Bob are you listening?): The icon as seen on APRS sometimes seems to change from the WX symbol to the dot, which is what I used as a symbol. You have to play with the beacon timing to find a happy medium.

I think that's all I did that was special for an U-II unit.

At 08:53 PM 7/15/96 -0500, you wrote:

>I thought there was a way for a KPC-3 to be directly interfaced to
>the Ultimeter II.

>

>I was just informed , that maybe I was misinformed..

>

>Can someone (anyone) clear this up?

>

>Who here uses this combo?

>

>

>Sam.

>Sam Nabkey - WJ8T

From kd4ujk@southeast.net Tue Jul 16 00:13:21 1996
Received: from mailhub.southeast.net (root@mailhub.jaxnet.com [204.183.221.15]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id AAA09008 for <aprssig@tapr.org>; Tue, 16 Jul 1996 00:13:18 -0500 (CDT)
Received: from ts2-011.southeast.net (ts2-011.southeast.net [204.183.221.206]) by mailhub.southeast.net (8.7.4/8.6.12) with SMTP id BAA26022 for <aprssig@tapr.org>; Tue, 16 Jul 1996 01:47:09 -0400 (EDT)
Date: Tue, 16 Jul 1996 01:47:09 -0400 (EDT)
Message-Id: <199607160547.BAA26022@mailhub.southeast.net>
X-Sender: kd4ujk@pop.jaxnet.com
X-Mailer: Windows Eudora Version 1.4.4
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: kd4ujk@southeast.net (willis c layfield)
Subject: subscribe

subscribe
This is a simple sig file

From kjm@flo-bin.com Tue Jul 16 01:10:17 1996
Received: from mail1.deltanet.com (mail.deltanet.com [199.171.190.55]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id BAA13161 for <aprssig@tapr.org>; Tue, 16 Jul 1996 01:10:15 -0500 (CDT)
Received: from kjm-tjm (delta1.deltanet.com [199.171.190.3]) by mail1.deltanet.com (8.7.4/8.7.3) with SMTP id XAA14142 for <aprssig@tapr.org>; Mon, 15 Jul 1996 23:07:44 -0700 (PDT)
Message-ID: <31EB324A.60C0@flo-bin.com>
Date: Mon, 15 Jul 1996 23:10:18 -0700
From: Ken Mirabella <kjm@flo-bin.com>
Reply-To: kjm@flo-bin.com
X-Mailer: Mozilla 3.0b5a (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3035] Re: Trimble/PacComm GPS Antenna Report
References: <199607151532.KAA00769@tapr.org>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I just cut mine off and installed a RG-174 coax BNC connector on the end. I purchased the connector at an electronics store. I got the solder on type. I had to slightly drill out the hole for the cable to fit in, but it works great. With less loss to without the adapter.

KM6YH

schiers@ames.net wrote:

>
> In <734358@bbs.ames.net>, on 07/11/96 at 03:44 PM,
> aprssig@tapr.org said:
>

> >I borrowed one of the Trimble/PacComm GPS antennas
>
> Could some one put me on to a source (with phone number) of an adapter
> that goes from the Trimble sma or smb (whatever it is) to BNC for my
> GPS-45 Garmin.
>
> I saw some mention of it a long time ago, but can't locate it. THANKS!
>
> 73
>
> hasan schiers, NOAN--
> -----
> schiers@ames.net
> -----

From kheyboer@pinegov.co.pinellas.fl.us Tue Jul 16 06:44:15 1996
Received: from pinegov (pinegov.co.pinellas.fl.us [136.174.202.1]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id GAA21582 for <aprssig@tapr.org>; Tue, 16 Jul 1996
06:44:13 -0500 (CDT)
Received: from none.compuserve.com by pinegov (SMI-8.6/SMI-SVR4)
id CAA24488; Tue, 16 Jul 1996 02:42:58 -0400
Message-ID: <31EB80A0.2C45@co.pinellas.fl.us>
Date: Tue, 16 Jul 1996 07:44:32 -0400
From: Kevin Heyboer <kheyboer@pinegov.co.pinellas.fl.us>
X-Mailer: Mozilla 2.02Gold (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3048] Re: question about maps and lists
References: <31EAE4E3.7613@web-access.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Dale Seaburg wrote:

>
> Kevin Heyboer wrote:
> >
> > And regards the maplists.....you have two choices.....one is to add the FL
maps to the
> > maplist.usa....but they must be put in descending order....or create your own
>
> OK, maybe the doc's explain, but I was not able to find easily. What do you
mean by
> descending order, Kevin? I had added a map to Texas (maplist.tx), and it said
it was out of
> sequence, or something like that. HUH? I did not quite understand. Again,
maybe I have
> not dug down deep enough in the doc's but, would you mind shedding light on
descending
> order...
>
> Thanks.
> Dale. KG5LT

OH Dale, do read the docs that come with the program.....maps in the maplist must be in order from largest to smallest overlapping map or they won't show up as you zoom in to a specific area.....take a look at the list....it starts with World.map, followed by USA.map etc....so if you have a county map of your area and then a city map and then your subdivision map...they must be put in that order on the maplist....

Kevin KD4UYR
kheyboer@co.pinellas.fl.us

From sdimse@bridge.net Tue Jul 16 07:20:41 1996
Received: from relay7.UU.NET (relay7.UU.NET [192.48.96.17]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id HAA23044 for <aprssig@tapr.org>; Tue, 16 Jul 1996 07:20:39 -0500 (CDT)
Received: from bridge.net by relay7.UU.NET with ESMTP (peer crosschecked as: newworld.bridge.net [204.253.4.4]) id QQaypl04084; Tue, 16 Jul 1996 08:20:36 -0400 (EDT)
Received: from [199.174.157.61] (dd15-061.compuserve.com [199.174.157.61]) by bridge.net (8.7.5/8.7.3) with SMTP id IAA25962 for <aprssig@tapr.org>; Tue, 16 Jul 1996 08:14:50 -0400 (EDT)
Message-Id: <199607161214.IAA25962@bridge.net>
Subject: Re: [APRSSIG:3050] Perseids redux
Date: Tue, 16 Jul 96 08:17:47 -0400
x-sender: sdimse@mail.bridge.net
x-mailer: Claris Emailer 1.1
From: Steve Dimse <sdimse@bridge.net>
To: <aprssig@tapr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

>Any of you ladies and gentlemen interested in running another APRS meteor shower test during the upcoming Perseids meteor shower. The predicted peak of the shower is August 9-10, so we could run the test for a 36-hour period >(August 9 0000Z to August 10 1200Z).

Count me in, on both 6 meters and 2 meters, Anyone care to help me beat my dx record of 1196 miles set last year?

Steve K04HD

From gerry@cs.tamu.edu Tue Jul 16 07:25:49 1996
Received: from cs.tamu.edu (clavin.cs.tamu.edu [128.194.130.106]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id HAA23162 for <aprssig@tapr.org>; Tue, 16 Jul 1996 07:25:47 -0500 (CDT)
Received: from solar.cs.tamu.edu (2961@solar.cs.tamu.edu [128.194.132.1]) by cs.tamu.edu (8.6.10/8.6.4) with ESMTP id HAA17849 for <aprssig@tapr.org>; Tue, 16 Jul 1996 07:26:00 -0500
From: Gerald J Creager <gerry@cs.tamu.edu>
Received: (gerry@localhost) by solar.cs.tamu.edu (8.6.10/8.6.4) id HAA00329 for aprssig@tapr.org; Tue, 16 Jul 1996 07:24:13 -0500

Message-Id: <199607161224.HAA00329@solar.cs.tamu.edu>
Subject: readability
To: aprssig@tapr.org
Date: Tue, 16 Jul 1996 07:24:13 -0500 (CDT)
X-Mailer: ELM [version 2.4 PL25]
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

Just a quick note, without flamage, to those composing their notes on a word processor, thence flining them out to the group.

Those of us who still use unix systems and the mailers we're most familiar with, find the small-point fonts distracting at best, as they make for one 80-character line, then, say, a 7 character line. I would think it possible to reset your word processor for 10 or 12 pt font, and send something that populates a line out "normally."

While I'm at it, I wish to add my voice to those who prefer to NOT receive MIME attachments on this list. I have a security practice of dumping all MIME attachments unread, unless they are from someone I know, who alerted me to the attachment in prior mail, and who tells me what is in it. 5 years involved with CERT team activities was enough to convince me!

Thanks, & 73,
gerry
n5jxs@tamu.edu

From ke4eer@worldnet.att.net Tue Jul 16 07:31:34 1996
Received: from mailhost.worldnet.att.net (mailhost.worldnet.att.net [204.127.129.3]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id HAA23327 for <aprssig@tapr.org>; Tue, 16 Jul 1996 07:31:33 -0500 (CDT)
Received: by mailhost.worldnet.att.net (SMI-8.6/SMI-SVR4) id MAA22947; Tue, 16 Jul 1996 12:31:01 GMT
Received: from 183.middletown-57.va.dial-access.att.net(207.116.6.183) by mailhost.worldnet.att.net with SMTP id A22730; Tue Jul 16 12:30:47 1996
Message-ID: <31EBA790.1F34@worldnet.att.net>
Date: Tue, 16 Jul 1996 07:30:40 -0700
From: William Nolle <ke4eer@worldnet.att.net>
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3054] subscribe
References: <199607160547.BAA26022@mailhub.southeast.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

willis c layfield wrote:

>
> subscribe
> This is a simple sig file

Willis, if you would like to subscribe to the APRS Sig the best thing to do is go to the site address listed below.

<http://www.tapr.org/tapr/html/sigs.htm>

--

```
      \\\\\\\
      (o o)
*--o00-( )-00o--*
      Bill WA8INZ
ke4eer@worldnet.att.net
ke4eer@amsat.org
```

From ad4bl@juno.com Tue Jul 16 07:48:06 1996
Received: from x4.boston.juno.com (x4.boston.juno.com [205.231.101.22]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id HAA24183 for <aprssig@tapr.org>; Tue, 16 Jul 1996 07:48:04 -0500 (CDT)
Received: (from ad4bl@juno.com) by x4.boston.juno.com (queuemail) id IAA13277; Tue, 16 Jul 1996 08:47:57 EDT
To: aprssig@tapr.org
Date: Tue, 16 Jul 1996 07:05:28 PST
Subject: Re: [APRSSIG:3050] Perseids redux
Message-ID: <19960716.074723.9286.0.ad4bl@juno.com>
References: <v01510100ae104eac725d@[206.98.48.241]>
X-Mailer: Juno 1.00
X-Juno-Line-Breaks: 0,2-23,25-27
From: ad4bl@juno.com (Linda G Mullen)

On Mon, 15 Jul 1996 21:30:09 -0500 (CDT) stanzepa@usa.nai.net (stan horzepa) writes:
>Any of you ladies and gentlemen interested in running another APRS
>meteor
>shower test during the upcoming Perseids meteor shower. The predicted
>peak
>of the shower is August 9-10, so we could run the test for a 36-hour
>period
>(August 9 0000Z to August 10 1200Z).
>
>Last year, the results were impressive even with relatively low
>participation. If more stations participate this year, it could
>really be
>interesting.
>
>Since this is my big idea, I'll volunteer to receive, compile, and
>publish
>the results (unless someone else steps forward).
>
>Any interest? Comments?
>
>Stan, WA1LOU
>
For those who haven't participated before...how about telling us how to

set it up...
sounds like fun...Linda

From talbotk@java.grayson.com Tue Jul 16 08:08:56 1996
Received: from java.grayson.com (root@java.grayson.com [128.173.242.39]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id IAA25452 for <aprssig@tapr.org>; Tue, 16 Jul 1996 08:08:54 -0500 (CDT)
Received: from ALGOL.grayson.com (algol.grayson.com [128.173.242.35]) by java.grayson.com (8.6.12/8.6.9) with SMTP id JAA12866; Tue, 16 Jul 1996 09:16:40 -0400
Message-ID: <31EB945E.2734@java.grayson.com>
Date: Tue, 16 Jul 1996 09:08:47 -0400
From: talbotk <talbotk@java.grayson.com>
Reply-To: talbotk@java.grayson.com
Organization: Grayson Electronics
X-Mailer: Mozilla 3.0b4Gold (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: tnc male to smb jack adapter
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

the bnc male to smb jack adapter can be obtained from Pasternack Enterprises at (714) 261-1920. cost is around \$36

From cummings@daykimhosp.chime.org Tue Jul 16 08:27:24 1996
Received: from gatekeeper.daykimhosp.chime.org (gatekeeper.daykimhosp.chime.org [170.163.45.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id IAA26462 for <aprssig@tapr.org>; Tue, 16 Jul 1996 08:27:21 -0500 (CDT)
From: cummings@daykimhosp.chime.org
Received: (mail@localhost) by gatekeeper.daykimhosp.chime.org (8.6.9/8.6.9) id LAA12339 for <aprssig@tapr.org>; Tue, 16 Jul 1996 11:59:18 -0400
Received: from unknown(170.163.44.5) by gatekeeper.daykimhosp.chime.org via smap (V1.3)
id sma012337; Tue Jul 16 11:59:14 1996
Received: from ccMail by MAILGATE.DAYKIMHOSP.CHIME.ORG (SMTPLINK V2.11.01)
id AA837534310; Tue, 16 Jul 96 09:23:13 EST
Date: Tue, 16 Jul 96 09:23:13 EST
Message-Id: <9606168375.AA837534310@MAILGATE.DAYKIMHOSP.CHIME.ORG>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3041] Re: Tracking in WinAPRS

1.1.2 runs fine on my windows 95 machines... must be a glitch with my windows 3.1 (win32s) machine... I will try on another 3.1 machine (I tend a crop of about 10 machines.)

Ian

----- Reply Separator -----
Subject: [APRSSIG:3041] Re: Tracking in WinAPRS
Author: aprssig@tapr.org at Internet
Date: 7/15/96 2:53 PM

Yes, I have that set and it still fails to replay tracks. I also updated to the latest version of winaprs (1.1.2) and have some sort of glitch with the icon display (displays as a bar across the entire screen no matter what icon I select). If I click to turn icons off nobody displays on my screen. I'm running 3.1 with win32s and that might be the problem (?). I will try on my windows 95 machines at home.

73

Ian

----- Reply Separator -----

Subject: [APRSSIG:3038] Re: Tracking in WinAPRS
Author: aprssig@tapr.org at Internet
Date: 7/15/96 1:53 PM

> Hello,
>
> I have been trying to replay tracks on WinAPRS and can't quite
> figure it out. My tracked stations list will contain entries for
> mobiles but when I click on "replay tracks" it won't do anything....
>
> Any ideas? I probably am just not seeing something right in front
> of me (in which case I apologize in advance).
>
> Ian Cummings
> <http://www.neca.com/~cummings>

There is a setting in the APRS SETTINGS dialog box AUTO TRACK STATIONS,
this must be set to on in order to track stations

As of 1.1.2, the default is now ON, it used to be OFF,

Mark

Mark Sproul | Amateur Radio: KB2ICI
Software Engineer @ Assoc Press |
sproul@ap.org | Work: 609-860-7120
North Brunswick, NJ | Fax: 609-860-7129
<http://msproul.rutgers.edu/>

From stanzepa@usa.nai.net Tue Jul 16 09:45:19 1996
Received: from usa.nai.net (usa.nai.net [204.71.21.10]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id JAA29500 for <aprssig@tapr.org>; Tue, 16 Jul 1996
09:45:17 -0500 (CDT)
Received: from [206.98.48.210] (naih1p45.nai.net [206.98.48.210]) by usa.nai.net
(8.6.12/8.6.5) with SMTP id KAA16888 for <aprssig@tapr.org>; Tue, 16 Jul 1996
10:40:53 -0400
X-Sender: stanzepa@nai.net (Unverified)
Message-Id: <v01510108ae115a8669c9@[206.98.48.232]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Tue, 16 Jul 1996 10:45:59 -0400
To: aprssig@tapr.org
From: stanzepa@usa.nai.net (stan horzepa)
Subject: Re: [APRSSIG:3050] Perseids redux

Tom Busch wrote:

>Count me in. What did we do last year? Should we keep it the same?
>
>TomB

Here's what we did last year (from Packet Perspective, October 1995, QST).
The only changes I suggest are the dates/times (August 9 0000Z to August
10 1200Z instead of August 11-15) and who to send your reports to (me or
another volunteer, rather than Bob). Please comment on these changes and/or
suggest other changes and I will finalize our plans ASAP and make
announcements everywhere:

"All amateurs are encouraged to participate in a Perseids meteor scatter
test August 11-15. Although 6 meters is better than 2 meters for meteor
scatter work, everyone has a 2-meter radio and we can make up in numbers
what we lack in performance. All you need is a TNC and, preferably, high
power and a beam. The objective is to see how many grid square (DX)
packets you can receive over the four-day event.

"Stations in the four quadrants of the country will transmit alternately
for 15 seconds. Stations can transmit the shortest possible meaningful
packet formed by placing their six-digit grid square in the Unproto To call
sign field, for example, WA1LOU>FN31MP. The suggested frequency is the
ARRL experimental packet frequency of 145.79 MHz; suggested procedures for
the test follow:

"1) Point your beam towards a major population area 500 to 1000 miles
away in one of the other US quadrants. If there is another active local
station, coordinate your beam headings so you are not both hitting the same
azimuth and receiver target area.

"2) Enter your grid square into your TNC using the following command:

cmd: UNPROTO FN31MP

where FN31MP is your six-digit grid square. If you can't estimate the last

two digits, use AA. Note that no Via Digipeater is used.

"3) For attended operation, enter the Converse Mode (cmd: CONV). Each time you hit carriage return <CR>, you will send a packet. Hit 20 <CR>s and you will send 20 grid square packets. Synchronize your clock with WWV and transmit as many <CR>s that you can according to the following schedule:

"Northeast stations transmit between 00 to 14 seconds of each minute.

"Southeast stations transmit between 15 to 29 seconds of each minute.

"Southwest stations transmit between 30 to 44 seconds of each minute.

"Northwest stations transmit between 45 to 59 seconds of each minute

"4) For unattended operation, set your Beacon Text to HP where H is a single character representing your beam heading divided by 10 and expressed by the digits 0 to 9 and then A to Z (9=90, A=100, B=110, C=120... Z=350). P is the square root of 10% of your power (1=10, 2=40, 3=90... 9=810). Set your Beacon to Every 1. This is not in accordance with the scheduled 15-second cycle, but it is better than nothing if you are operating unattended.

"5) Alternatively, run APRS version 7.1b or later, which has an automated meteor scatter mode, which will plot received packets on a map. In many areas, 145.79 MHz is already being used for APRS.

"Meteor scatter paths are very specific between the transmitter and receiver. Typically, any single event will be heard only by receivers within a 20-mile footprint. That is why everyone can transmit at the same time in the same area, preferably pointing their beams in slightly different directions. As long as there is approximately 50 miles between identical transmitting stations, their signals will probably not hit the same receivers at the same times.

"W0RPK and K1HTV made a successful 2-meter packet meteor scatter contact in 1984 over about a 1000-mile path, but it took 2.5 hours! Hopefully, by having hundreds of transmitters and hundreds of receivers, we can improve the statistics.

"Since you will possibly see packets that no one else will see, send all grid square reports known to be greater than 250 miles distant to WB4APR@KA3RFE.MD (via packet) or bruninga@greatlakes.nadn.navy.mil (via Internet) and Bob will compile the data. Be sure to include your grid square."

From ku0g@sprynet.com Tue Jul 16 09:46:31 1996
Received: from m1.sprynet.com (m1.sprynet.com [165.121.2.97]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id JAA29560 for <aprssig@tapr.org>; Tue, 16 Jul 1996 09:46:30 -0500 (CDT)

From: ku0g@sprynet.com
Received: from [199.174.138.102] (ad11-102.compuserve.com [199.174.138.102]) by m1.sprynet.com (8.6.12/8.6.12) with SMTP id HAA18904 for <aprssig@tapr.org>; Tue, 16 Jul 1996 07:44:13 -0700
Date: Tue, 16 Jul 1996 07:44:13 -0700
Message-Id: <199607161444.HAA18904@m1.sprynet.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Subject: KC APRS Working Group Meeting...
To: aprssig@tapr.org
X-Mailer: SPRY Mail Version: 04.00.06.21

FYI, folks....

Anybody mobile in the Kansas City area this weekend is invited to attend our monthly KCAWG meeting. Meeting will be held on Saturday, July 20, 12:00 noon at Tortilla Flats Mexican Restaurant, 5800 N. Antioch Rd., Gladstone, Mo.

Talk-in on 146.79 repeater (voice)...

Excellent food, questionable companionship (a bunch of them APRS crackpots, you know) and a splendid time is guaranteed for all ([Cockney accent follows] Thank ya, Paul...)

Best 73,
Jim Duncan, KU0G
APRS--Kansas City Coordinator
EMail: ku0g@sprynet.com

From stanzepa@usa.nai.net Tue Jul 16 10:14:21 1996
Received: from usa.nai.net (usa.nai.net [204.71.21.10]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id KAA01101 for <aprssig@tapr.org>; Tue, 16 Jul 1996 10:14:19 -0500 (CDT)
Received: from [206.98.48.210] (naihl1p20.nai.net [206.98.48.235]) by usa.nai.net (8.6.12/8.6.5) with SMTP id LAA18576 for <aprssig@tapr.org>; Tue, 16 Jul 1996 11:09:57 -0400
Message-Id: <v0151010bae1160faedf4@[206.98.48.210]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Tue, 16 Jul 1996 11:15:03 -0400
To: aprssig@tapr.org
From: stanzepa@usa.nai.net (stan horzepa)
Subject: Re: [APRSSIG:3054] subscribe

>subscribe
>This is a simple sig file

To subscribe, send email to listproc@tapr.org

No subject

One line message as follows:

subscribe APRSSIG Willis Layfield

From stanzepa@usa.nai.net Tue Jul 16 10:14:25 1996
Received: from usa.nai.net (usa.nai.net [204.71.21.10]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id KAA01125 for <aprssig@tapr.org>; Tue, 16 Jul 1996
10:14:24 -0500 (CDT)
Received: from [206.98.48.210] (naih1p20.nai.net [206.98.48.235]) by usa.nai.net
(8.6.12/8.6.5) with SMTP id LAA18585 for <aprssig@tapr.org>; Tue, 16 Jul 1996
11:10:01 -0400
Message-Id: <v0151010cae11618a0fb9@[206.98.48.210]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Tue, 16 Jul 1996 11:15:08 -0400
To: aprssig@tapr.org
From: stanzepa@usa.nai.net (stan horzepa)
Subject: Re: [APRSSIG:3057] Re: Perseids redux

I WILL include 6 meters in the "official" impending announcement.

73,

Stan, WA1LOU

>>Any of you ladies and gentlemen interested in running another APRS meteor
>>shower test during the upcoming Perseids meteor shower. The predicted peak
>>of the shower is August 9-10, so we could run the test for a 36-hour period
>>(August 9 0000Z to August 10 1200Z).
>
>Count me in, on both 6 meters and 2 meters, Anyone care to help me beat
>my dx record of 1196 miles set last year?
>
>Steve K04HD

From jratchf@bulldog.afsc.k12.ar.us Tue Jul 16 10:20:10 1996
Received: from bulldog.afsc.k12.ar.us (root@[170.211.157.174]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id KAA01533 for <aprssig@tapr.org>; Tue, 16 Jul 1996
10:20:08 -0500 (CDT)
Received: from jratchf.bulldog.afsc.k12.ar.us (slip4.afsc.k12.ar.us
[170.211.157.178]) by bulldog.afsc.k12.ar.us (8.6.11/8.6.9) with SMTP id KAA05049
for <aprssig@tapr.org>; Tue, 16 Jul 1996 10:19:56 -0500
Message-Id: <199607161519.KAA05049@bulldog.afsc.k12.ar.us>
From: "J. Scott Ratchford, KC5JGV" <jratchf@bulldog.afsc.k12.ar.us>
To: <aprssig@tapr.org>
Subject: Re: [APRSSIG:3053] Re: Ultimeter II and KPC-3
Date: Tue, 16 Jul 1996 10:18:48 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1085
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII

Content-Transfer-Encoding: 7bit

> I use it on N4NEQ-8 up in the mtns on N GA. The wind and temperature have
> to be just right in order for the moonshine to be worth a toot as it comes
> out of the still.

N4NEQ-8 is one of the few from Georgia that I am able to "see" in N. ARK.
Good signal at least once a week.

--

J. Scott Ratchford - KC5JGV
Marshall, Arkansas

From w6dnt@w6dnt.ampr.org Tue Jul 16 10:22:00 1996
Received: from vk2xoc.ampr.org (vhf433.vk2xoc.ampr.org [44.4.94.32]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id KAA01558 for <aprssig@tapr.org>; Tue, 16 Jul 1996 10:21:30 -0500 (CDT)
Received: from w6dnt.ampr.org by vk2xoc.ampr.org (TNOS2.02pl2/U) with SMTP id AA18446 ; Tue, 16 Jul 96 07:11:44 -0700
Received: from at.w6dnt.ampr.org by w6dnt.ampr.org with SMTP id AA4947 ; Tue, 16 Jul 96 07:10:40 -08
Date: Tue, 16 Jul 96 07:03:44 GMT
Message-Id: <47@w6dnt.ampr.org>
Sender: w6dnt@w6dnt.ampr.org (Al Chan - W6DNT)
From: w6dnt@w6dnt.ampr.org (Al Chan - W6DNT)
Reply-To: AlChan@aol.com
To: aprssig%tapr.org@w6dnt.ampr.org, al.chan%toadhall.com@w6dnt.ampr.org
Subject: GPS 20

How many receiving channels does the GPS 20 have?

-al.

From bruninga@nadn.navy.mil Tue Jul 16 11:04:17 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id LAA04061 for <aprssig@tapr.org>; Tue, 16 Jul 1996 11:04:15 -0500 (CDT)
Received: (from bruninga@localhost) by arctic.nadn.navy.mil (8.6.12/8.6.12) id MAA29497; Tue, 16 Jul 1996 12:08:58 -0400
Date: Tue, 16 Jul 1996 12:08:58 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3018] Downloading problem?
In-Reply-To: <199607132038.NAA23885@m1.sprynet.com>
Message-ID: <Pine.SUN.3.91.960716120803.28942C-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 13 Jul 1996 ku0g@sprynet.com wrote:

> OK, I give up....Is something wrong with the server at TAPR? I've been trying

> to download 7.6f all day Friday and again today. I get about 161K of 171K
> (EXE76F.ZIP) and nothing further. Same thing on APRS76f.ZIP (get about 185K
> before freeze). Same thing on 76to76f.zip...

APRSDos REPLY COMMENT: Check your account. Sounds like you are over
your storage limits... This used to happen to me. Took months for me to
figure out...

de wb4apr@amsat.org

From bruninga@nadm.navy.mil Tue Jul 16 11:07:45 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id LAA04558 for <aprssig@tapr.org>; Tue, 16
Jul 1996 11:07:43 -0500 (CDT)
Received: (from bruninga@localhost) by arctic.nadm.navy.mil (8.6.12/8.6.12) id
MAA29690; Tue, 16 Jul 1996 12:12:35 -0400
Date: Tue, 16 Jul 1996 12:12:35 -0400 (EDT)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3023] Re: APRS76F and MAPFIX26
In-Reply-To: <960713204824_433655816@emout14.mail.aol.com>
Message-ID: <Pine.SUN.3.91.960716121013.28942D@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 13 Jul 1996 Wwontroba@aol.com wrote:

> Bob ...
> Are you aware of the change in NWS Aviation Observations format? That is ...
> the conversion to METAR from the old SAO? Change went into effect July 1,
> 1996 and all weather observation stations not sent their obs in METAR.

APRSDos REPLY COMMENT: You are speaking greek to me. I am not a WX
conniseur.. All I did was implement the parsing of a sample message that
someone sent to me. If you are saying that my parser no longer works on
a new format, then please send me the new format. THANKS!

de wb4apr@amsat.org

From jleonard@tbcnet.com Tue Jul 16 11:09:07 1996
Received: from tbc1.tbcnet.com (root@tbc1.tbcnet.com [207.112.224.11]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id LAA04808 for <APRSSIG@tapr.org>; Tue, 16 Jul 1996
11:09:05 -0500 (CDT)
Received: from ts248.tbcnet.com (ts248.tbcnet.com [207.112.227.48]) by
tbc1.tbcnet.com (8.7.4/8.7.3) with SMTP id LAA08593 for <APRSSIG@tapr.org>; Tue,
16 Jul 1996 11:09:00 -0500
X-Authentication-Warning: tbc1.tbcnet.com: Host ts248.tbcnet.com [207.112.227.48]
didn't use HELO protocol
Message-Id: <1.5.4.32.19960716160855.006ace34@tbcnet.com>
X-Sender: jleonard@tbcnet.com
X-Mailer: Windows Eudora Light Version 1.5.4 (32)
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"
Date: Tue, 16 Jul 1996 11:08:55 -0500
To: APRSSIG@tapr.org
From: "John B. Leonard, Jr" <jleonard@tbcnet.com>
Subject: Help! WX/No>:

OK, I'm baffled!

I'm running a U-II Wx station with the TNC on Com 2, and the U-II on Com 1.
APRS Ver 76D

Everything SEEMS to be running fine except ALL packets, including mine,
monitored at the bottom of the screen, are preceeded by
No>:

But they still register with the program (ie., map, p-list, h-list, etc).

When I stop the program and restart it as just APRS (no WX), everything
works great! Add, New, Bcn, Pos. Even though I still have the U-II in Com 1.

Anybody got any ideas why this is happening?

Thanks and 73s

jbl

J Barry Leonard/N9VJQ
DeKalb IL
E-MAIL: jleonard@tbcnet.com
WWW Home Page <http://tbcnet.com/~jleonard/leonard.htm>

From bruninga@nadm.navy.mil Tue Jul 16 11:21:21 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id LAA06373 for <aprssig@tapr.org>; Tue, 16
Jul 1996 11:21:19 -0500 (CDT)
Received: (from bruninga@localhost) by arctic.nadm.navy.mil (8.6.12/8.6.12) id
MAA00474; Tue, 16 Jul 1996 12:26:11 -0400
Date: Tue, 16 Jul 1996 12:26:11 -0400 (EDT)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3026] Windows aprs
In-Reply-To: <960714164225_155842348@emout07.mail.aol.com>
Message-ID: <Pine.SUN.3.91.960716122429.28942J-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 14 Jul 1996 N4TRN@aol.com wrote:

> Hi Bob,
> I would like to know if there is a price difference between dos and windows
> aprs. I am going to send in my registration in with in two weeks as I have

> it planned now.

APRSdos REPLY COMMENT: See the F1-VALID screen for APRS registrations or see the README\REGISTER.txt file for APRSdos info. Choose the options you need. I think the WinAPRS is one price for everything...

de wb4apr@amsat.org

From bruninga@nadm.navy.mil Tue Jul 16 11:28:38 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id LAA07487 for <aprssig@tapr.org>; Tue, 16 Jul 1996 11:28:30 -0500 (CDT)
Received: (from bruninga@localhost) by arctic.nadm.navy.mil (8.6.12/8.6.12) id MAA00877; Tue, 16 Jul 1996 12:33:19 -0400
Date: Tue, 16 Jul 1996 12:33:19 -0400 (EDT)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3027] question about maps and lists
In-Reply-To: <960714203329_576648096@emout07.mail.aol.com>
Message-ID: <Pine.SUN.3.91.960716122729.28942K-1000000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 14 Jul 1996 KD4EMI@aol.com wrote:

> I have the FLMAPS02.zip file...Ive unzipped the maps and replaced some of the
> same file name old maps with the new ones...
>
> Do I include all of these in MAPLIST.USA or do I make a state maplist .

APRS ANS: You dont modify MAPLIST.usa, that is my distro list. You may make modifications for your own use, but do not distribute it since it will confuse people. MAPLIST.USA lists all maps included in the basic APRS distribution.

MAPLIST.SE lists all of the maps distributed in the SEmaps11.zip file, also my responsibility. Your MAPLIST.FL should list all of the FLmaps02.zip maps plus all larger maps that include florida.... But your FLmaps02.zip should not include copies of any of these maps that are already in APRS or in SEmaps. If you fix or modify any of those maps, then you have to feed the changes back to me for my distribution.

The idea, is that for any one map, there should be only one source, and modifications must be made at the source, or you will continue to get re-distributions of an old out of date map.

de wb4apr

From bruninga@nadm.navy.mil Tue Jul 16 11:31:54 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id LAA07569 for <aprssig@tapr.org>; Tue, 16

Jul 1996 11:31:51 -0500 (CDT)
Received: (from bruninga@localhost) by arctic.nadn.navy.mil (8.6.12/8.6.12) id
MAA01576; Tue, 16 Jul 1996 12:36:43 -0400
Date: Tue, 16 Jul 1996 12:36:43 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3027] question about maps and lists
In-Reply-To: <960714203329_576648096@emout07.mail.aol.com>
Message-ID: <Pine.SUN.3.91.960716123501.28942M-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 14 Jul 1996 KD4EMI@aol.com wrote:

> Also CUDOS to KD4UYR who kept us all informed about hurricane BERTHA when it
> approached FL. It was neat to see alot more APRS stations come on line just
> before the storm !! The state was filled with them... I only had to look at
> my computer to tell just where Bertha was ! KD4UYR And (W7LUS who provided
> the digi back into the state) did a great job....Well done...They came
> through !!

APRSDOS REPLY COMMENT: I am spending my spare time on vacation, editing
together about 30 history files so that we will have a single HST file
for Bertha. It was GREAT! Thanks to KD4UYR! and others!

de wb4apr@amsat.org

From jagrelo@cris.com Tue Jul 16 11:33:44 1996
Received: from franklin.cris.com (franklin.cris.com [199.3.12.31]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id LAA07857 for <aprssig@tapr.org>; Tue, 16 Jul 1996
11:33:42 -0500 (CDT)
Received: from darius.cris.com (darius [199.3.12.32])
by franklin.cris.com (8.7.5/(96/06/11 2.45))
id MAA04591; Tue, 16 Jul 1996 12:33:40 -0400 (EDT)
[1-800-745-2747 The Concentric Network]
Errors-To: jagrelo@cris.com
Received: from crc3.pop3.net (cnc059031.concentric.net [206.83.77.31])
by darius.cris.com (8.7.5)
id MAA02326; Tue, 16 Jul 1996 12:33:38 -0400 (EDT)
Message-ID: <31EBEF98.ACA@concentric.net>
Date: Tue, 16 Jul 1996 12:38:00 -0700
From: Joseph Agrelo <jagrelo@cris.com>
Organization: Agrelo Engineering
X-Mailer: Mozilla 2.01 (Win95; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3068] GPS 20
References: <47@w6dnt.ampr.org>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Al Chan - W6DNT wrote:

>
> How many receiving channels does the GPS 20 have?
>
> -al.

Al,

Go to this TAPR page to get *all* of the details and specs.

<http://www.tapr.org/gps/index.html>

73 De Joe N200C

XX

Agrelo Engineering

Joe Agrelo/President

1145 Catalyn St. Schenectady, NY 12303 USA

(518)381-1057

(518)381-1058

E-Mail: Jagrelo@concentric.net

WEB: <http://home.navisoft.com/agrelo/ae.htm>

Designer & Manufacturer of intelligent microprocessor
based Doppler and talking products

Experts in Microchip & Motorola processors

XX

From bruninga@nadm.navy.mil Tue Jul 16 12:44:56 1996

Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id MAA11529 for <aprssig@tapr.org>; Tue, 16
Jul 1996 12:44:54 -0500 (CDT)

Received: (from bruninga@localhost) by arctic.nadm.navy.mil (8.6.12/8.6.12) id
NAA08127; Tue, 16 Jul 1996 13:49:46 -0400

Date: Tue, 16 Jul 1996 13:49:46 -0400 (EDT)

From: Bob Bruninga <bruninga@nadm.navy.mil>

X-Sender: bruninga@arctic

To: aprssig@tapr.org

Subject: Re: [APRSSIG:3050] Perseids redux

In-Reply-To: <v01510100ae104eac725d@[206.98.48.241]>

Message-ID: <Pine.SUN.3.91.960716134424.28942W-1000000@arctic>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 15 Jul 1996, stan horzepa wrote:

> Any of you ladies and gentlemen interested in running another APRS meteor
> shower test during the upcoming Perseids meteor shower. The predicted peak
> of the shower is August 9-10, so we could run the test for a 36-hour period
> (August 9 0000Z to August 10 1200Z).

APRSdos REPLY COMMENT: Yes, and we need to confirm that APRS76f (one
year later) works in meteor scatter mode... Interested stations
could do us a favor by doing some testing. I wont have time to do much
prior testing my self, tho I will fix any problems found, and I will
participate!

Since I made substantive changes in SPACE mode in 76f, I may well have broken the MScatt, since they are related...

de wb4apr@amsat.org

From bruninga@nadm.navy.mil Tue Jul 16 12:52:12 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id MAA12245 for <aprssig@tapr.org>; Tue, 16 Jul 1996 12:52:10 -0500 (CDT)
Received: (from bruninga@localhost) by arctic.nadm.navy.mil (8.6.12/8.6.12) id NAA08721; Tue, 16 Jul 1996 13:56:52 -0400
Date: Tue, 16 Jul 1996 13:56:51 -0400 (EDT)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3053] Re: Ultimeater II and KPC-3
In-Reply-To: <2.2.32.19960716045420.006eec78@mindspring.com>
Message-ID: <Pine.SUN.3.91.960716135101.28942X-100000-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 16 Jul 1996, rwf wrote about his KPC-3 and REMOTE ULTIMETER>

> I set the Btext to be my lat/long (like in a digi)
>
> I set the Beacon timing to be every 20 minutes.
>
> Everything works fine except for this (Bob are you listening?): The icon
> as seen on APRS sometimes seems to change from the WX symbol to the dot,
> which is what I used as a symbol.

APRSDos REPLY COMMENT: You must use the WX symbol in the BText! (Ralph, are you listening...?) hi hi

de wb4apr@amsat.org

From bruninga@nadm.navy.mil Tue Jul 16 13:31:44 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id NAA14319 for <aprssig@tapr.org>; Tue, 16 Jul 1996 13:31:42 -0500 (CDT)
Received: (from bruninga@localhost) by arctic.nadm.navy.mil (8.6.12/8.6.12) id OAA13732; Tue, 16 Jul 1996 14:36:33 -0400
Date: Tue, 16 Jul 1996 14:36:32 -0400 (EDT)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3063] Re: Perseids redux
In-Reply-To: <v01510108ae115a8669c9@[206.98.48.232]>
Message-ID: <Pine.SUN.3.91.960716143303.8435C-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I didnt look at the times, but the least offensive time for taking over 145.79 nationwide would be probably 2200 local time to 0800 a day later. This would give you two morning periods and only take up 36 hours...

de wb4apr@amsat.org

From seront@seism1.ess.sunysb.edu Tue Jul 16 14:08:35 1996
Received: from ccmail.sunysb.edu (ccmail.sunysb.edu [129.49.1.103]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id 0AA15766 for <aprssig@tapr.org>; Tue, 16 Jul 1996 14:08:32 -0500 (CDT)
Received: from seism1.ess.sunysb.edu by ccmail.sunysb.edu (PMDf V5.0-6 #8051) id <01I7589UD0I8A5Y7BR@ccmail.sunysb.edu> for aprssig@tapr.org; Tue, 16 Jul 1996 15:08:29 -0400 (EDT)
Received: from cort0.ess.sunysb.edu by seism1.ess.sunysb.edu (4.1/SMI-4.1) id AA23319; Tue, 16 Jul 1996 15:07:47 -0400 (EDT)
Date: Tue, 16 Jul 1996 15:07:54 -0400
From: Bernard Seront <seront@seism1.ess.sunysb.edu>
Subject: Subscription stuff.
X-Sender: seront@seism1.ess.sunysb.edu
To: aprssig@tapr.org
Message-id: <2.2.32.19960716190754.009baa60@seism1.ess.sunysb.edu>
MIME-version: 1.0
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Content-type: text/plain; charset="us-ascii"
Content-transfer-encoding: 7BIT

At 10:25 AM 7/16/96 -0500, you wrote:

>To subscribe, send email to listproc@tapr.org
>
>No subject
>
>One line message as follows:
>
>subscribe APRSSIG Willis Layfield

I don't think I ever announced it here, but a couple month ago, when Bob asked again for someone to take care of such problems, I took the duty. I'll be able to do that for maximum 2 more month, after what I'll loose my e-mail account here, and may not be able to get another one soon. If someone wants to replace me now, just send me a note, I don't ask for extra work :-). Otherwise I'll continue til I can, so you don't have to worry about these messages (subscribe, unsubscribe), they are taken care off.

Besides if someone send a "subscribe" message to the list by error, he is obviously not a subscriber and will not see any help information sent back to the list!

Bernard, KB2TGH.

Bernard Seront, seront@seism1.ess.sunysb.edu
http://rock.ess.sunysb.edu:8080/

From BordingK@aol.com Tue Jul 16 14:36:18 1996
Received: from emout13.mail.aol.com (emout13.mx.aol.com [198.81.11.39]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id OAA16889 for <aprssig@tapr.org>; Tue, 16
Jul 1996 14:36:16 -0500 (CDT)
From: BordingK@aol.com
Received: by emout13.mail.aol.com (8.6.12/8.6.12) id PAA12114 for
aprssig@tapr.org; Tue, 16 Jul 1996 15:35:30 -0400
Date: Tue, 16 Jul 1996 15:35:30 -0400
Message-ID: <960716153529_578019617@emout13.mail.aol.com>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3069] Re: Downloading problem?

I attempted to download all the 7.6F files over the weekend also. It took
forever at 28.8 and then the .zip would not explode. Error message from
PKUNZip said "corrupted ZIP file (?)!!!!. I'm going to try again tonight.

73 de KF4COH Ken

From ke4eer@worldnet.att.net Tue Jul 16 14:39:56 1996
Received: from mailhost.worldnet.att.net (mailhost.worldnet.att.net
[204.127.129.3]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id OAA16968 for
<aprssig@tapr.org>; Tue, 16 Jul 1996 14:39:53 -0500 (CDT)
Received: by mailhost.worldnet.att.net (SMI-8.6/SMI-SVR4)
id TAA20045; Tue, 16 Jul 1996 19:39:20 GMT
Received: from 77.bridgeton-3.mo.dial-access.att.net(199.69.38.77)
by mailhost.worldnet.att.net with SMTP
id A19960; Tue Jul 16 19:39:02 1996
Message-ID: <31EC0BDF.2167@worldnet.att.net>
Date: Tue, 16 Jul 1996 14:38:39 -0700
From: William Nolle <ke4eer@worldnet.att.net>
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3079] Subscription stuff.
References: <2.2.32.19960716190754.009baa60@seism1.ess.sunysb.edu>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bernard Seront wrote:

>
> At 10:25 AM 7/16/96 -0500, you wrote:
>
> >To subscribe, send email to listproc@tapr.org
> >
> >No subject
> >
> >One line message as follows:
> >
> >subscribe APRSSIG Willis Layfield
>

> I don't think I ever announced it here, but a couple month ago, when Bob
> asked again for someone to take care of such problems, I took the duty.
> I'll be able to do that for maximum 2 more month, after what I'll loose my
> e-mail account here, and may not be able to get another one soon. If someone
> wants to replace me now, just send me a note, I don't ask for extra work
> :-). Otherwise I'll continue til I can, so you don't have to worry about
> these messages (subscribe, unsubscribe), they are taken care off.
>
> Besides if someone send a "subscribe" message to the list by error, he is
> obviously not a subscriber and will not see any help information sent back
> to the list!
>
> Bernard, KB2TGH.
>
> -----
> Bernard Seront, seront@seism1.ess.sunysb.edu
> http://rock.ess.sunysb.edu:8080/

Well i'm sorry, but i also said i would take care of any such questions
by simply giving the address below which i found the best way to
subscribe or unsubscribe there is. But nobody ever posted the fact that
someone else was doind the same thing. I will but out and let someone
else handle it. SORRY....

<http://www.tapr.org/tapr/html/sigs.html>

--

```

      \:///
      (o o)
*--o00-( )-00o--*
      Bill WA8INZ
ke4eer@worldnet.att.net
ke4eer@amsat.org

```

From ke4eer@worldnet.att.net Tue Jul 16 14:45:14 1996
Received: from mailhost.worldnet.att.net (mailhost.worldnet.att.net
[204.127.129.3]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id OAA17044 for
<aprssig@tapr.org>; Tue, 16 Jul 1996 14:45:13 -0500 (CDT)
Received: by mailhost.worldnet.att.net (SMI-8.6/SMI-SVR4)
id TAA23150; Tue, 16 Jul 1996 19:44:38 GMT
Received: from 77.bridgeton-3.mo.dial-access.att.net(199.69.38.77)
by mailhost.worldnet.att.net with SMTP
id A22971; Tue Jul 16 19:44:25 1996
Message-ID: <31EC0D23.2F8F@worldnet.att.net>
Date: Tue, 16 Jul 1996 14:44:03 -0700
From: William Nolle <ke4eer@worldnet.att.net>
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: DFjr
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have posted the last upgrade to the DJjr Quick reference card. I made

some changes to the back of the card (For the better i think). Now i have two laminated cards left that are from the last upgrade that i'm willing to send out to someone not having a way to print these out that own a DFjr. They are really heavy laminated material, and are 4.5" X 8". If interested let me know here and then send me a self addressed envelope that the card will fit in. I only have 2 so don't all answer Hi.

--

\\////

(o o)

--o00-()-00o--

Bill WA8INZ

ke4eer@worldnet.att.net

ke4eer@amsat.org

From ke4eer@worldnet.att.net Tue Jul 16 15:45:28 1996

Received: from mailhost.worldnet.att.net (mailhost.worldnet.att.net [204.127.129.4]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id PAA20148 for <aprssig@tapr.org>; Tue, 16 Jul 1996 15:45:26 -0500 (CDT)

Received: by mailhost.worldnet.att.net (SMI-8.6/SMI-SVR4)

id UAA17636; Tue, 16 Jul 1996 20:44:52 GMT

Received: from 184.dallas-1.tx.dial-access.att.net(199.69.132.184)

by mailhost.worldnet.att.net with SMTP

id A17407; Tue Jul 16 20:44:42 1996

Message-ID: <31EC1B51.51E7@worldnet.att.net>

Date: Tue, 16 Jul 1996 15:44:33 -0700

From: William Nolle <ke4eer@worldnet.att.net>

X-Mailer: Mozilla 2.01 (Win16; U)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: APRS Legal Question

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

This is not to flame anyone but i keep seeing a beacon and WX station on my map and it doesn't have a valid Amateur radio callsign other then stating as follows:

NWSPTC>APRS,DIGI,DIGI,WIDE

If this is legal i for one never realized that the NWS could transmit a WX station info on 145.790 without a valid call going along with the beacon.

Like i said this is not to flame anyone but rather to find out the legalalities of what a weather station can or cannot do!.

--

\\////

(o o)

--o00-()-00o--

Bill WA8INZ

ke4eer@worldnet.att.net

ke4eer@amsat.org

From kc5ejk@onramp.net Tue Jul 16 16:43:39 1996
Received: from mailhost.onramp.net (mailhost.onramp.net [199.1.11.3]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id QAA22951 for <aprssig@tapr.org>; Tue, 16 Jul 1996 16:43:38 -0500 (CDT)
Received: from [199.1.11.109] (dal09.onramp.net [199.1.11.109]) by mailhost.onramp.net (8.7.3/8.6.5) with SMTP id QAA11117 for <aprssig@tapr.org>; Tue, 16 Jul 1996 16:43:34 -0500 (CDT)
Message-Id: <v02140b01ae11bcaf1756@[199.1.11.139]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Tue, 16 Jul 1996 16:44:03 -0500
To: aprssig@tapr.org
From: kc5ejk@onramp.net (Robert Winingham)
Subject: Re: [APRSSIG:3068] GPS 20

>How many receiving channels does the GPS 20 have?
>
>-al.

TAPR offers group GPS purchase

Frequently Asked Questions

* The Multitrak8 has only one channel, but is multiplexed.

SEE: TAPR GPS Purchase (Announcement) tapr.org

Bob - Dallas,TX --- kc5ejk@onramp.net or kc5ejk@amsat.org ---

From kc5ejk@onramp.net Tue Jul 16 16:44:14 1996
Received: from mailhost.onramp.net (mailhost.onramp.net [199.1.11.3]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id QAA22971 for <aprssig@tapr.org>; Tue, 16 Jul 1996 16:43:54 -0500 (CDT)
Received: from [199.1.11.109] (dal09.onramp.net [199.1.11.109]) by mailhost.onramp.net (8.7.3/8.6.5) with SMTP id QAA11202 for <aprssig@tapr.org>; Tue, 16 Jul 1996 16:43:46 -0500 (CDT)
Message-Id: <v02140b00ae10d06fc2d8@[199.1.11.139]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Tue, 16 Jul 1996 16:44:16 -0500
To: aprssig@tapr.org
From: kc5ejk@onramp.net (Robert Winingham)
Subject: Re: [APRSSIG:2923] Garmin 45

>Is there some way to start up the Garmin 45 without pushing the red power
>button? IE: Perhaps some command that can be issued through the I/O which
>will allow the 45 to start when external power is supplied? I'd like to

>mount the Garmin and a KPC-3 remotely and have them power up and start
>when I command them, rather than having to leave them on the B+.

0) That's why I got the Garmin-20, for auto startup

- 1) Have you tried locking down the orange button?
You will need to remove the batteries and start up at
least every other day, or wait while it does a search the sky.
I think the Garmin-45 has a big 1 F Cap and not a small
backup battery inside. (Lets hope the I/O setting comes
up 4800 baud after a "cold start"
- 2) 7 Watts RF from my HTX-202 with a rubber duck 6in away starts my
Garmin-45.

73

Bob - Dallas,TX --- kc5ejk@onramp.net or kc5ejk@amsat.org ---

From w2g3zfej@unix.asb.com Tue Jul 16 16:56:41 1996
Received: from unix.asb.com (root@unix.asb.com [165.254.128.4]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id QAA23730 for <aprssig@tapr.org>; Tue, 16 Jul 1996
16:56:39 -0500 (CDT)
Received: from asb32 (sls22.asb.com [165.254.128.32]) by unix.asb.com
(8.6.12/8.6.9) with SMTP id SAA24487 for <aprssig@tapr.org>; Tue, 16 Jul 1996
18:17:20 -0400
Date: Tue, 16 Jul 1996 18:17:20 -0400
Message-Id: <199607162217.SAA24487@unix.asb.com>
X-Sender: w2g3zfej@unix.asb.com
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: bob <w2g3zfej@unix.asb.com>
Subject: Re: [APRSSIG:3071] Help! WX/No>:

Me to!

Using UII on com2, Kamplus on com1 and aprs76f.

de bob
w2g3zfej@unix.asb.com

At 11:25 16/07/96 -0500, you wrote:

>OK, I'm baffled!

>

>I'm running a U-II Wx station with the TNC on Com 2, and the U-II on Com 1.

>APRS Ver 76D

>

>Everything SEEMS to be running fine except ALL packets, including mine,

>monitored at the bottom of the screen, are preceeded by
>No>:
>
>But they still register with the program (ie., map, p-list, h-list, etc).
>
>When I stop the program and restart it as just APRS (no WX), everything
>works great! Add, New, Bcn, Pos. Even though I still have the U-II in Com 1.
>
>Anybody got any ideas why this is happening?
>
>Thanks and 73s
>
>jbl
>-----
>J Barry Leonard/N9VJQ
>DeKalb IL
>E-MAIL: jleonard@tbcnet.com
>WWW Home Page http://tbcnet.com/~jleonard/leonard.htm
>
>
>
>

From khufford@erols.com Tue Jul 16 17:11:14 1996
Received: from smtp2.erols.com (root@smtp2.erols.com [205.252.116.102]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id RAA24421 for <aprssig@tapr.org>; Tue, 16
Jul 1996 17:11:13 -0500 (CDT)
Received: from khufford.erols.com (man-as4s22.erols.com [206.161.170.214]) by
smtp2.erols.com (8.7.3/8.6.5) with SMTP id SAA00520 for <aprssig@tapr.org>; Tue,
16 Jul 1996 18:11:11 -0400 (EDT)
Message-Id: <199607162211.SAA00520@smtp2.erols.com>
X-Sender: khufford@pop.erols.com
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Tue, 16 Jul 1996 22:11:00 -0400
To: aprssig@tapr.org
From: Kent V Hufford <khufford@erols.com>
Subject: winAPRS, what I cannot do..

Just downloaded the latest winAPRS 1.1.2.

The following I have not been able to do. Either I cannot get it to work, it
doesn't work, or it doesn't work yet.... or will never be implemented.

1. HSP (coming....)
2. Cannot define the default map, other than renaming Virginia AAGINA.
3. Cannot define the default size of the map window. It opens about half size.
4. Cannot make the map pulldown pop back up when I move the mouse of the
pulldown like the other pulldowns, unless I hit the left mouse button
somewhere else.
5. Cannot PRINT. PRINT not implemented yet?
6. Cannot save a MAP window yet. Maybe related to 2. above..

7. NO windows based help file in program. Cannot access a help file of any kind from within.
8. Does not support the RADIO AMATEUR CALL BOOK
9. Supposed to support QRZ callbook, I have not been able to get it to work.
10. Double click on station ICON sometimes brings up the station data window... sometimes it doesnt. When it does, the map window goes back to half size.
11. I have a DFjr coming this week. I have no idea if it will support it right yet...

Some of the above maybe my fault. I have not found answers in the doc's.

I'm running it on a P166, 32megs ram, SVGA at 800x600 under WIN95a.

thanks,
Kent

KQ4KK

From 0004818186@mcimail.com Tue Jul 16 17:49:03 1996
Received: from gatekeeper.mcimail.com (gatekeeper.mcimail.com [192.147.45.5]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id RAA26435 for <aprssig@tapr.org>; Tue, 16 Jul 1996 17:48:57 -0500 (CDT)
Received: from mailgate.mcimail.com (mailgate.mcimail.com [166.40.135.3]) by gatekeeper.mcimail.com (8.6.12/8.6.10) with SMTP id WAA16762; Tue, 16 Jul 1996 22:45:49 GMT
Received: from mcimail.com by mailgate.mcimail.com id af19209;
16 Jul 96 22:48 WET
Date: Tue, 16 Jul 96 17:47 EST
From: Miami Network <0004818186@mcimail.com>
To: aprssig <aprssig@tapr.org>
Subject: Re: [APRSSIG:3049] Ultimeter II and KPC-3
Message-Id: <63960716224736/0004818186NA3EM@MCIMAIL.COM>

Connecting the Ultimeter 2000 (if that is the same as the II)
is straight forward:

Pin #3 from the Ultimeter is Data Out
Pin #5 from the Ultimeter is Ground

Pin #3 from the Ultimeter goes to Pin #2 of the KPC-3
Pin #5 from the Ultimeter goes to Pin #7 of the KPC-3

Set the TNC as follows:

```
GPSHEAD 1 !!      /* This is the string that the Utimeter sends out */
LTP 1 APRS WIDE   /* This is your path for the transmitted information */
BLT 1 every 00:05:00 /* Sets timer 1 for every 5 minutes */
LT 1 /* will have the Information from the Ultimeter */
INT GPS /* Put the TNC into GPS Mode Turn it off and then ON */
```

It will work unattended and without a PC connected to it or

without the APRS software. We have several in Miami that are set up this way for automatic Wx reporting to the National Hurricane Center.

73, Seymour, KC4NMY

From Lew.Midlam@pobox.com Tue Jul 16 18:38:22 1996
Received: from perseus.peganet.com (root@perseus.peganet.com [206.102.200.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id SAA28325 for <aprssig@tapr.org>; Tue, 16 Jul 1996 18:38:20 -0500 (CDT)
Received: from Peganet.peganet.com (peg3-ts38.peganet.com [206.102.200.238]) by perseus.peganet.com (8.6.12/8.6.9) with SMTP id TAA19003 for <aprssig@tapr.org>; Tue, 16 Jul 1996 19:47:33 -0400
Message-ID: <31EC27E7.7891@pobox.com>
Date: Tue, 16 Jul 1996 19:38:15 -0400
From: Lew Midlam <Lew.Midlam@pobox.com>
Reply-To: Lew.Midlam@pobox.com
X-Mailer: Mozilla 3.0b5a (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3087] winAPRS, what I cannot do..
References: <199607162211.SAA00520@smtp2.erols.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have mostly the same problems/non-working elements. I know the Sprouls are working feverishly and this isn't a flame - just confirmation from another user finding the same lack of features.

Running on an AMD5x132, 16 Mb
& Windows 95a <--- AAAARRRRGGGHHH!!

-Lew - W7LVW - Fort Myers, Florida

Kent V Hufford wrote:

>
> Just downloaded the latest winAPRS 1.1.2.
>
> The following I have not been able to do. Either I cannot get it to work, it
> doesn't work, or it doesn't work yet.... or will never be implemented.
>
> 1. HSP (coming....)
> 2. Cannot define the default map, other than renaming Virginia AAGINA.
> 3. Cannot define the default size of the map window. It opens about half size.
> 4. Cannot make the map pull-down pop back up when I move the mouse of the
> pull-down like the other pull-downs, unless I hit the left mouse button
> somewhere else.
> 5. Cannot PRINT. PRINT not implemented yet?

> 6. Cannot save a MAP window yet. Maybe related to 2. above..
> 7. NO windows based help file in program. Cannot access a help file of any
> kind from within.
> 8. Does not support the RADIO AMATEUR CALL BOOK
> 9. Supposed to support QRZ callbook, I have not been able to get it to work.
> 10. Double click on station ICON sometimes brings up the station data
> window... sometimes it doesnt. When it does, the map window goes back to
> half size.
> 11. I have a DFjr coming this week. I have no idea if it will support it
> right yet...
>
> Some of the above maybe my fault. I have not found answers in the doc's.
>
> I'm running it on a P166, 32megs ram, SVGA at 800x600 under WIN95a.
>
> thanks,
> Kent
>
> KQ4KK

From jdesmon@acs.uswest.com Tue Jul 16 18:56:08 1996
Received: from uswgco3.uswc.uswest.com (uswgco3.uswest.com [206.196.133.82]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id SAA28998 for <aprssig@tapr.org>; Tue, 16
Jul 1996 18:56:06 -0500 (CDT)
Received: from egate.mnet.uswest.com (egate.mnet.uswest.com [151.116.23.138]) by
uswgco3.uswc.uswest.com (8.7.5/8.7.3) with ESMTP id RAA13015 for
<aprssig@tapr.org>; Tue, 16 Jul 1996 17:55:45 -0600 (MDT)
Received: from easthub (easthub.mnet.uswest.com [151.117.26.86]) by
egate.mnet.uswest.com (8.7.1/8.7.1) with SMTP id RAA14374 for <aprssig@tapr.org>;
Tue, 16 Jul 1996 17:55:43 -0600 (MDT)
Received: by easthub.mnet.uswest.com (M-Net Hub.951228)
Received: by acs.uswest.com (5.x/SMI-SVR4)
id AA29595; Tue, 16 Jul 1996 18:55:42 -0500
Received: from reliant.uswc.uswest.com by acs.uswest.com (5.x/SMI-SVR4)
id AA29589; Tue, 16 Jul 1996 18:55:24 -0500
Received: from eagle2 by reliant.uswc.uswest.com (NX5.67e/NX3.0M)
id AA24986; Tue, 16 Jul 96 18:55:23 -0500
Message-Id: <9607162355.AA24986@reliant.uswc.uswest.com>
Received: by eagle2.uswc.uswest.com (NX5.67e/NX3.0X)
id AA17666; Tue, 16 Jul 96 18:55:22 -0500
Mime-Version: 1.0 (NeXT Mail 3.3 v118.2)
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable
Received: by NeXT.Mailer (1.118.2)
From: John Desmond <jdesmon@acs.uswest.com>
Date: Tue, 16 Jul 96 18:55:20 -0500
To: aprssig@tapr.org
Subject: Looking for APRS Info
Reply-To: jdesmon@acs.uswest.com

Hi,

I just joined the list a few days ago and am very interested in =
finding out more about APRS. =20

Is there a FAQ site that has info on how to set-up an APRS = station and gives some general info on it? I am interested in = what is needed for a TNC and interfaces to it and what is needed = at the mapping station and the mobile station. =20

I am also looking for info on what makes one GPS a better = choice than another GPS. =20

I looked thru some of the search engines, and there are a LOT of = sites out there. I just have not found one that can answer some = basic questions yet. =20

Thanks for any info you may have.

73, John K0TG

jdesmon@reliant.uswc.uswest.com

From stanzepa@usa.nai.net Tue Jul 16 18:56:53 1996
Received: from usa.nai.net (usa.nai.net [204.71.21.10]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id SAA29018 for <aprssig@tapr.org>; Tue, 16 Jul 1996 18:56:51 -0500 (CDT)
Received: from [206.98.48.250] (naih1p5.nai.net [206.98.48.250]) by usa.nai.net (8.6.12/8.6.5) with SMTP id TAA23614 for <aprssig@tapr.org>; Tue, 16 Jul 1996 19:52:30 -0400
Message-Id: <v01510103ae11db9ba91f@[206.98.48.210]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Tue, 16 Jul 1996 19:57:36 -0400
To: aprssig@tapr.org
From: stanzepa@usa.nai.net (stan horzepa)
Subject: Re: [APRSSID:3078] Re: Perseids redux

My suggestion was August 9 0000Z to August 10 1200Z, which tracks closely to your 2200-0800 local time. (Great minds think alike!)

>I didnt look at the times, but the least offensive time for taking over
>145.79 nationwide would be probably 2200 local time to 0800 a day later.
>This would give you two morning periods and only take up 36 hours...

>

>de wb4apr@amsat.org

From ku0g@sprynet.com Tue Jul 16 19:00:54 1996
Received: from m1.sprynet.com (m1.sprynet.com [165.121.2.97]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id TAA29186 for <aprssig@tapr.org>; Tue, 16 Jul 1996 19:00:51 -0500 (CDT)
From: ku0g@sprynet.com
Received: from [199.174.147.67] (dd05-067.compuserve.com [199.174.147.67]) by m1.sprynet.com (8.6.12/8.6.12) with SMTP id QAA26381 for <aprssig@tapr.org>; Tue, 16 Jul 1996 16:58:33 -0700
Date: Tue, 16 Jul 1996 16:58:33 -0700
Message-Id: <199607162358.QAA26381@m1.sprynet.com>
MIME-Version: 1.0
Content-Type: text/plain

Content-Transfer-Encoding: 7bit
Subject: Re: [APRSSIG:3083] APRS Legal Question
To: aprssig@tapr.org
In-Reply-To: <31EC1B51.51E7@worldnet.att.net>
X-Mailer: SPRY Mail Version: 04.00.06.21

As long as a VALID callsign appears SOMEWHERE in the Beacon and adequately shows the station/operator ID that meets the letter of the ID law. I verified this with FCC in Kansas City about a year ago... Again, the callsign of the operator/station licensee MUST appear somewhere in the beacon text.

Best 73,
Jim Duncan, KU0G
APRS--Kansas City Coordinator
EMail: ku0g@sprynet.com

From bruninga@nadn.navy.mil Tue Jul 16 19:30:10 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id TAA00373 for <aprssig@tapr.org>; Tue, 16 Jul 1996 19:30:09 -0500 (CDT)
Received: (from bruninga@localhost) by arctic.nadn.navy.mil (8.6.12/8.6.12) id UAA29352; Tue, 16 Jul 1996 20:35:03 -0400
Date: Tue, 16 Jul 1996 20:35:02 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: New APRSwx program
Message-ID: <Pine.SUN.3.91.960716202231.29212A-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Just for fun and while on vacation, I just finished a routine that tries to display the overall wind flow over the surface of a map based on the data from all WX stations on the map. Hit the WX-WINDS command and you will see about 450 little wind vectors all over the map showing the flow. This works at any map scale.

But it wouldnt fit in standard APRS, so I spun-off a new program that leaves out the DX and DF stuff and called it APRSwx. Since it will include future WX specific functions, it assumes you are registered for WX in order to display these additional features..

Again, I dont know that this has any real WX value, but it was just an interesting challenge. I expect that there will be additional changes to APRSwx very soon, so dont feel in any rush to get it... hi hi

It is on the tapr site as aprswx.zip.

de wb4apr@amsat.org

From bruninga@nadn.navy.mil Tue Jul 16 19:57:54 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id TAA01760 for <aprssig@tapr.org>; Tue, 16

Jul 1996 19:57:51 -0500 (CDT)
Received: (from bruninga@localhost) by arctic.nadn.navy.mil (8.6.12/8.6.12) id VAA29710; Tue, 16 Jul 1996 21:02:44 -0400
Date: Tue, 16 Jul 1996 21:02:43 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: <alt> S ...wide help on aprs 76f ?
In-Reply-To: <199607170011.UAA02720@hemisphere.neocomm.net>
Message-ID: <Pine.SUN.3.91.960716205720.29212F-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 16 Jul 1996, Charles W. Davidson wrote:

> Anyway I cannot seem to find a way to set my alias to wide
> instead of relay. The old command of alt-s wide , is not in this
> version...

APRSDOS REPLY COMMENT: It was just abused too much. The way to do it now is to use a TNC with multiple callsigns that can digipeate. The PacComm Pico TNC has 4 aliases and the KPC-3 can use the MYnode and MYhost calls. -OR- hook up a second TNC to the same radio in parallel with the alias of WIDE.

Don't think of this as being heavy handed. It just enforces the requirement that all WIDE digipeaters must also have the dual alias of RELAY. The overall APRS system depends on this standard.

de wb4apr@amsat.org

From tdrumm@sparc.isl.net Tue Jul 16 20:03:45 1996
Received: from sparc.isl.net (root@sparc.isl.net [199.3.25.3]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id UAA02260 for <aprssig@tapr.org>; Tue, 16 Jul 1996 20:03:43 -0500 (CDT)
Received: from ppp-47.isl.net (ppp-47.isl.net [199.3.25.96]) by sparc.isl.net (8.7.4/8.7.3) with SMTP id UAA11004 for <aprssig@tapr.org>; Tue, 16 Jul 1996 20:12:07 -0500 (CDT)
Message-Id: <199607170112.UAA11004@sparc.isl.net>
X-Sender: tdrumm@sparc.isl.net
X-Mailer: Windows Eudora Version 1.4.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Tue, 16 Jul 1996 20:07:52 -0500
To: aprssig@tapr.org
From: tdrumm@sparc.isl.net (Tony Drumm)
Subject: Re: [APRSSIG:3050] Perseids redux

>
>Any interest? Comments?
>
>Stan, WA1LOU
>

I'll try it again at WD0GNK (club station at work). Silly thing seems to be deaf on 145.79 lately, though. I'll see if I can get it working better by then. In any case, should be better than when we tried in December. The ice storm we had that night did us no good!

73.

Tony Drumm
Rochester, MN
internet: tdrumm@isl.net
Packet: aa0sm@wd0gnk.#semn.mn.usa.na

From rwf@mindspring.com Tue Jul 16 20:08:51 1996
Received: from itchy.mindspring.com (itchy.mindspring.com [204.180.128.6]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id UAA02740 for <aprssig@tapr.org>; Tue, 16 Jul 1996 20:08:50 -0500 (CDT)
Received: from borg.mindspring.com (borg.mindspring.com [204.180.128.14]) by itchy.mindspring.com (8.7.5/8.7.3) with ESMTP id VAA06461 for <aprssig@tapr.org>; Tue, 16 Jul 1996 21:08:49 -0400 (EDT)
Received: from rwf.mindspring.com (user-168-121-44-154.dialup.mindspring.com [168.121.44.154]) by borg.mindspring.com (8.6.12/8.6.12) with SMTP id VAA11925 for <aprssig@tapr.org>; Tue, 16 Jul 1996 21:08:45 -0400
Message-Id: <2.2.32.19960717011018.006d0d14@mindspring.com>
X-Sender: rwf@mindspring.com
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Tue, 16 Jul 1996 21:10:18 -0400
To: aprssig@tapr.org
From: rwf <rwf@mindspring.com>
Subject: Re: [APRSSIG:3077] Re: Ultimeater II and KPC-3

At 01:07 PM 7/16/96 -0500, you wrote:

>

>APRSdos REPLY COMMENT: You must use the WX symbol in the BText! (Ralph,
>are you listening...?) hi hi

Whoops! I will try that! I really don't remember seeing that *anywhere* in the docs, though- and I read them twice.

Now I went back to WX.TXT and there it was, right there in lines 299 and 300.

Thanks, Dr Bob

Ralph

From n2czf@magg.net Tue Jul 16 20:32:04 1996
Received: from grumpy.magg.net (root@grumpy.magg.net [205.218.112.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id UAA04831 for <aprssig@tapr.org>; Tue, 16 Jul 1996 20:32:02 -0500 (CDT)
Received: from Cybergate (wpb-119.magg.net [205.218.112.119]) by grumpy.magg.net (8.7.5/8.7.3) with SMTP id VAA09869 for <aprssig@tapr.org>; Tue, 16 Jul 1996 21:28:33 -0400

Date: Tue, 16 Jul 1996 21:28:33 -0400
Message-Id: <199607170128.VAA09869@grumpy.magg.net>
X-Sender: n2czf@magg.net
X-Mailer: Windows Eudora Version 1.4.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: n2czf@magg.net (Richard Garcia)
Subject: Re: [APRSSIG:3092] Re: APRS Legal Question

Would a HID beacon not meet the ID requirements also ?

I know that the callsign somewhere in the BTEXT would fill the bill, but I was also under the notion that the HID if turned on will ID every 10 minutes if the station (TNC) has transmitted in the last 10 min period. I may be wrong but I too would like to know.

Personally I do not feel that it is too much trouble to ask for a measly callsign in the BTEXT but there are always alternate ways.

>As long as a VALID callsign appears SOMEWHERE in the Beacon and adequately shows
>the station/operator ID that meets the letter of the ID law. I verified this
>with FCC in Kansas City about a year ago... Again, the callsign of the
>operator/station licensee MUST appear somewhere in the beacon text.

>

>Best 73,
>Jim Duncan, KU0G
>APRS--Kansas City Coordinator
>EMail: ku0g@sprynet.com

>

>

73's Rich N2CZF
n2czf@magg.net
<http://www.magg.net/~n2czf> (Personal)
<http://www.magg.net/~n2czf/aprs.html> (Florida APRS)
Jupiter Farms Florida EL96

From rsellers@misha.net Tue Jul 16 22:34:36 1996
Received: from misha.net (delta.www.com [204.120.206.5]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id WAA10145 for <aprssig@tapr.org>; Tue, 16 Jul 1996
22:34:35 -0500 (CDT)
Received: from rsellers by misha.net (SMI-8.6/SMI-SVR4)
id WAA29810; Tue, 16 Jul 1996 22:34:27 -0500
Date: Tue, 16 Jul 1996 22:34:27 -0500
Message-Id: <199607170334.WAA29810@misha.net>
X-Sender: rsellers@misha.net
X-Mailer: Windows Eudora Version 1.4.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: rsellers@misha.net (Roger Sellers)
Subject: Re: [APRSSIG:3050] Perseids redux

>Any of you ladies and gentlemen interested in running another APRS meteor
>shower test during the upcoming Perseids meteor shower. The predicted peak
>of the shower is August 9-10, so we could run the test for a 36-hour period
>(August 9 0000Z to August 10 1200Z).

>

>Last year, the results were impressive even with relatively low
>participation. If more stations participate this year, it could really be
>interesting.

>

How would one go about doing this? What kind of equipment etc. would be needed?

73,

Roger Sellers

Amateur Radio: KB9LBU

E-Mail Home: rsellers@misha.net

E-Mail Work: rsellers@snds.com

From rsellers@misha.net Tue Jul 16 22:34:38 1996

Received: from misha.net (delta.wwa.com [204.120.206.5]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id WAA10157 for <aprssig@tapr.org>; Tue, 16 Jul 1996
22:34:36 -0500 (CDT)

Received: from rsellers by misha.net (SMI-8.6/SMI-SVR4)

id WAA29812; Tue, 16 Jul 1996 22:34:28 -0500

Date: Tue, 16 Jul 1996 22:34:28 -0500

Message-Id: <199607170334.WAA29812@misha.net>

X-Sender: rsellers@misha.net

X-Mailer: Windows Eudora Version 1.4.3

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

To: aprssig@tapr.org

From: rsellers@misha.net (Roger Sellers)

Subject: Re: [APRSSIG:3037] Tracking in WinAPRS

> I have been trying to replay tracks on WinAPRS and can't quite
> figure it out. My tracked stations list will contain entries for
> mobiles but when I click on "replay tracks" it won't do anything....

>

> Any ideas? I probably am just not seeing something right in front
> of me (in which case I apologize in advance).

I had done that as well. What I noticed was a solid black line that traced
the replayed track. The mobile doesn't move as it does in the DOS version. So
you'll have to look close. The black line doesn't stand out too well on my
monitor to define the replayed track.

73,

Roger Sellers

Amateur Radio: KB9LBU

E-Mail Home: rsellers@misha.net

E-Mail Work: rsellers@snds.com

From ke4eer@worldnet.att.net Tue Jul 16 23:11:16 1996
Received: from mailhost.worldnet.att.net (mailhost.worldnet.att.net
[204.127.129.4]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id XAA11399 for
<aprssig@tapr.org>; Tue, 16 Jul 1996 23:11:14 -0500 (CDT)
Received: by mailhost.worldnet.att.net (SMI-8.6/SMI-SVR4)
id EAA05599; Wed, 17 Jul 1996 04:10:43 GMT
Received: from 153.middletown-57.va.dial-access.att.net(207.116.6.153)
by mailhost.worldnet.att.net with SMTP
id A5535; Wed Jul 17 04:10:16 1996
Message-ID: <31EC83C0.24D9@worldnet.att.net>
Date: Tue, 16 Jul 1996 23:10:08 -0700
From: William Nolle <ke4eer@worldnet.att.net>
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3097] Re: APRS Legal Question
References: <199607170128.VAA09869@grumpy.magg.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Richard Garcia wrote:

>
> Would a HID beacon not meet the ID requirements also ?
>
> I know that the callsign somewhere in the BTEXT would fill the bill, but I
> was also under the notion that the HID if turned on will ID every 10 minutes
> if the station (TNC) has transmitted in the last 10 min period. I may be
> wrong but I too would like to know.
>
> Personally I do not feel that it is too much trouble to ask for a measly
> callsign in the BTEXT but there are always alternate ways.
>
> >As long as a VALID callsign appears SOMEWHERE in the Beacon and adequately
> shows
> >the station/operator ID that meets the letter of the ID law. I verified this
> >with FCC in Kansas City about a year ago... Again, the callsign of the
> >operator/station licensee MUST appear somewhere in the beacon text.
> >
> >Best 73,
> >Jim Duncan, KU0G
> >APRS--Kansas City Coordinator
> >EMail: ku0g@sprynet.com
> >
> >
> 73's Rich N2CZF
> n2czf@magg.net
> <http://www.magg.net/~n2czf> (Personal)
> <http://www.magg.net/~n2czf/aprs.html> (Florida APRS)
> Jupiter Farms Florida EL96

But no callsign is given, the complete beacon is

NWSPTC 161914@162019z**Testing** NWS PeachTree City,GA

NWSPTC 161754@071620z3326.04N/08426.04W*Testing*
NWSPTC>APRS,AB4KN-2,N4NEQ-2,WIDE

Now if i read the rules correctly wouldn't any digi owner also place himself in a legal position for trouble knowing that your digi is being used this way?. Again let me make this clear i'm not flaming anyone, but would sure like to know. I never seen anything in the BTEXT either except the above. It does show a NWS symbol also. I don't want to open a can of worms but want to keep my digi legal Hi.

--

\\///
(o o)
--o00-()-00o--
Bill WA8INZ
ke4eer@worldnet.att.net
ke4eer@amsat.org

From ku0g@sprynet.com Wed Jul 17 00:31:28 1996
Received: from m1.sprynet.com (m1.sprynet.com [165.121.1.97]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id AAA20427 for <aprssig@tapr.org>; Wed, 17 Jul 1996 00:31:27 -0500 (CDT)
From: ku0g@sprynet.com
Received: from [199.174.147.67] (dd05-067.compuserve.com [199.174.147.67]) by m1.sprynet.com (8.6.12/8.6.12) with SMTP id WAA09120 for <aprssig@tapr.org>; Tue, 16 Jul 1996 22:27:40 -0700
Date: Tue, 16 Jul 1996 22:27:40 -0700
Message-Id: <199607170527.WAA09120@m1.sprynet.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Subject: Re: [APRSSIG:3100] Re: APRS Legal Question
To: aprssig@tapr.org
In-Reply-To: <31EC83C0.24D9@worldnet.att.net>
X-Mailer: SPRY Mail Version: 04.00.06.21

On Tue, 16 Jul 1996, William Nolle <ke4eer@worldnet.att.net> wrote:
>But no callsign is given, the complete beacon is
>
>NWSPTC 161914@162019z**Testing** NWS PeachTree City,GA
>NWSPTC 161754@071620z3326.04N/08426.04W*Testing*
>NWSPTC>APRS,AB4KN-2,N4NEQ-2,WIDE

These are NOT legal ID packets. There is no valid callsign present. Whoever is doing the Peach Tree City operation needs to be advised to get a callsign into their beacon somewhere...

>

>Now if i read the rules correctly wouldn't any digi owner also place himself in
>a legal position for trouble knowing that your digi is being used this way?.

NO, absolutely not. The digi or voice repeater operator can not be held responsible for an unlicensed operator/station using his/her facilities. Most repeater sysops would probably turn a repeater off, though... This is the same legal situation as an obscene/illegal packet bulletin/email. The ORIGINATING station is the responsible party (as well as the Originating BBS but this doesn't apply in the case of repeaters) and would be the person cited by FCC.

>Again let me make this clear i'm not flaming anyone, but would sure like to
>know. I never seen anything in the BTEXT either except the above. It does show
>a NWS symbol also. I don't want to open a can of worms but want to keep my
>digi legal Hi.

Relax, Bill. You're safe. If it's that much of a concern, though, you could always SUPLIST the particular call and your digi will ignore it, but I'm sure that in this particular case you're wanting to ENCOURAGE their operation and help out, so perhaps a FRIENDLY phone call to the responsible licensee is in order, Bill. Sometimes people forget the small details when working on a big project...

>
>--
> \\\\\\\
> (o o)
> *--o00-()-00o--*
> Bill WA8INZ
>ke4eer@worldnet.att.net
> ke4eer@amsat.org
>
>

Best 73,
Jim Duncan, KU0G
APRS--Kansas City Coordinator
EMail: ku0g@sprynet.com

From largriff@swta.com Wed Jul 17 05:23:02 1996
Received: from mailhost.onramp.net (mailhost.onramp.net [199.1.11.3]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id FAA29274 for <aprssig@tapr.org>; Wed, 17 Jul 1996 05:22:59 -0500 (CDT)
Received: from larry.onramp.net (red133.onramp.net [206.104.118.133]) by mailhost.onramp.net (8.7.3/8.6.5) with SMTP id FAA05718 for <aprssig@tapr.org>; Wed, 17 Jul 1996 05:22:57 -0500 (CDT)
Received: by larry.onramp.net with Microsoft Mail id <01BB739F.ED076620@larry.onramp.net>; Wed, 17 Jul 1996 05:22:19 -0500
Message-ID: <01BB739F.ED076620@larry.onramp.net>
From: Larry Griffin <largriff@swta.com>
To: "'aprssig@tapr.org'" <aprssig@tapr.org>
Subject: RE: [APRSSIG:3101] Re: APRS Legal Question
Date: Wed, 17 Jul 1996 05:21:09 -0500
Encoding: 14 TEXT

On Tue, 16 Jul 1996, William Nolle <ke4eer@worldnet.att.net> wrote:
>But no callsign is given, the complete beacon is
>
>NWSPTC 161914@162019z**Testing** NWS PeachTree City,GA

>NWSPTC 161754@071620z3326.04N/08426.04W*Testing*
>NWSPTC>APRS,AB4KN-2,N4NEQ-2,WIDE

Those packets are NOT LEGAL ON HAM FREQUENCIES.
Whoever is operating NWSPTC needs to put a valid ham call in MYCALL.
Period. End of discussion.

Larry - AB5GE

From jswift@up.net Wed Jul 17 06:45:13 1996
Received: from btc1 (btc1.up.net [205.242.56.10]) by tapr.org (8.7.5/8.7.3/1.9)
with SMTP id GAA01538 for <aprssig@tapr.org>; Wed, 17 Jul 1996 06:45:11 -0500
(CDT)
Received: from nb1-60.up.net by btc1 (5.x/SMI-SVR4)
id AA24037; Wed, 17 Jul 1996 07:45:40 -0400
Message-Id: <9607171145.AA24037@btc1>
X-Sender: jswift@mail.up.net
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Wed, 17 Jul 1996 07:46:06 -0500
To: aprssig@tapr.org
From: jack swift <jswift@up.net>
Subject: Re: [APRSSIG:3101] Re: APRS Legal Question

i echo that "small details" comment, jim. i was 'instructing' one of my
friends on how to set up his tnc so he would show up on my map: "... and set
your alias to relay..." - the next day, lo and behold, there was a star on
my map with the callsign "ALIAS"..... OOPS!!

At 12:49 AM EST 7/17/96 -0500, you wrote:

>Relax, Bill. You're safe. If it's that much of a concern, though, you could
>always SUPLIST the particular call and your digi will ignore it, but I'm sure
>that in this particular case you're wanting to ENCOURAGE their operation and
>help out, so perhaps a FRIENDLY phone call to the responsible licensee is in
>order, Bill. Sometimes people forget the small details when working on a big
>project...

>>

>>

>Best 73,

>Jim Duncan, KU0G

>APRS--Kansas City Coordinator

>EMail: ku0g@sprynet.com

>

>

>

Jack Swift jswift@up.net N8WAV@W8YY.#UPMI.MI.USA.NA 47.119N 88.572W
Swift True Value Hardware 402 Sheldon Ave. Houghton, MI 49931
906-482-0530, 0531, 7766 Alpha Phi Omega Epsilon Lambda Chapter Advisor

Subject: Voluteer Your Help
Date: Wed, 17 Jul 1996 08:10:41 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1085
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

This is not directed towards all nor just one. I have read messages on here that use words like "illegal", "interference", "he's a problem". Rather than talk about someone that you've never contacted, contact them and let them know in a nice way that there is a problem. You can get a lot more done with a smile and a handshake than you can with gritted teeth and anger!

There are many new hams joining us everyday. And everyday new hams (as well as old) are making mistakes. I've been a ham for just a few years and constantly have to keep a clear head about what I'm doing on the air. The moral here is, volunteer your help to help your fellow ham. This is all a priviledge and not a right! If we can't police our own, then we'll get policed! And with less than desirable results, this I am sure of.

I live just outside a small comunity in the Ozarks that has a failing "60's style" cable system. Talk about the interference problems! Try this the next time your in town. Put your 2m radio on 144.000 or 145.25 and see if your hear and static. Bet my bottom dollar ya do! What I do is identify the area, and if the "cow traffic" aint too bad, pinpoint the problem. Then I let the folks down at the cable office know about it. Everytime, they have thanked me and kindly asked me to let them know if I find any more problem areas. Simple!

This message wasn't planned to be this long but All I am saying is that your actions are reflected on all hams. So please, take a little time, voluteer your help and lets keep this hobby a pleasure to everyone.

"And that's all I got to say about that."

--

J. Scott Ratchford - KC5JGV
Marshall, Arkansas

From nickart@midtenn.net Wed Jul 17 08:33:30 1996
Received: from sneezy.midtenn.net (root@sneezy.midtenn.net [205.241.239.2]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id IAA05560 for <aprssig@tapr.org>; Wed, 17 Jul 1996 08:33:29 -0500 (CDT)
Received: from (net084.midtenn.net [205.241.239.84]) by sneezy.midtenn.net (8.6.12/8.6.12) with SMTP id IAA28072 for <aprssig@tapr.org>; Wed, 17 Jul 1996 08:35:29 GMT
Message-ID: <31ED074A.3ACA@midtenn.net>
Date: Wed, 17 Jul 1996 08:31:22 -0700
From: "Nicholas R. Smith" <nickart@midtenn.net>
Reply-To: nickart@midtenn.net
X-Mailer: Mozilla 3.0b4Gold (Win16; I)

MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3102] Re: APRS Legal Question
References: <01BB739F.ED076620@larry.onramp.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Larry Griffin wrote:

>
> On Tue, 16 Jul 1996, William Nolle <ke4eer@worldnet.att.net> wrote:
> >But no callsign is given, the complete beacon is
> >
> >NWSPTC 161914@162019z**Testing** NWS PeachTree City,GA
> >NWSPTC 161754@071620z3326.04N/08426.04W*Testing*
> >NWSPTC>APRS,AB4KN-2,N4NEQ-2,WIDE
>
> -----
>
> Those packets are NOT LEGAL ON HAM FREQUENCIES.
> Whoever is operating NWSPTC needs to put a valid ham call in MYCALL.
> Period. End of discussion.
>
> Larry - AB5GE

This station, whoever it is, continues to beacon thru my digi(WA4GKM-5), which is seen in several states. It is not legal and someone in the Atlanta area should call this person and tell them to stop! I was flamed by one of the Atlanta stations simply because I went over Atlanta aeronautical mobile and had relay in the unproto path. But he does not bother to simply call this person up and say "did you know this is illegal to beacon without a callsign".

Nick WA4GKM
The Mountain Man-Crossville, TN

From sproul@ap.org Wed Jul 17 08:43:04 1996
Received: from janus.ap.org (eos.ap.org [165.1.6.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id IAA05807 for <aprssig@tapr.org>; Wed, 17 Jul 1996 08:42:59 -0500 (CDT)
Received: from [165.1.27.20] by janus.ap.org (SMI-8.6/SMI-SVR4) id JAA23274; Wed, 17 Jul 1996 09:39:04 -0400
X-Sender: sproul@165.1.6.1
Message-Id: <v03007602ae1295a4716d@[165.1.27.20]>
In-Reply-To: <199607162211.SAA00520@smtp2.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Wed, 17 Jul 1996 09:18:53 -0400
To: aprssig@tapr.org
From: Mark Sproul <sproul@ap.org>
Subject: Re: [APRSSIG:3087] winAPRS, what I cannot do..
Cc: khufford@erols.com

>Just downloaded the latest winAPRS 1.1.2.

>
>The following I have not been able to do. Either I cannot get it to work, it
>doesn't work, or it doesn't work yet.... or will never be implemented.

>
>1. HSP (coming....)

I have stated several times, I am working VERY HARD on this, it has many difficulties involved in getting BOTH Win95 AND Win 3.1 to work in a similar fashion.

>2. Cannot define the default map, other than renaming Virgina AAGINA.

This is the CORRECT way to set your default map

>3. Cannot define the default size of the map window. It opens about half size.

All maps open at FULL size as defined by the map. If it opens at "half size" then the map is defined wrong. Send me the map and I will look at it.

>4. Cannot make the map pulldown pop back up when I move the mouse of the
>pulldown like the other pulldowns, unless I hit the left mouse button
>somewhere else.

This is a WINODWS function, I have NO CONTROL over this whatsoever at all. If you don't like how it operates, write to Bill Gates.

>5. Cannot PRINT. PRINT not implemented yet?

The documentation clearly states that this is not implemented, it is currently low on the priority list but will be implemented.

>6. Cannot save a MAP window yet. Maybe related to 2. above..

Has nothing to do with #2, but is not finished. This is about done but not very high on the list.

>7. NO windows based help file in program. Cannot access a help file of any
>kind from within.

CORRECT, and at present there are no plans on making one. This of course could change if enough people wanted one.

>8. Does not support the RADIO AMATEUR CALL BOOK

Have not heard of this one, get us info and we will try to implement it.

>9. Supposed to support QRZ callbook, I have not been able to get it to work.

There is an index file that is needed to go along with it. I will try to

get it up on the ftp site.

>10. Double click on station ICON sometimes brings up the station data
>window... sometimes it doesnt. When it does, the map window goes back to
>half size.

Double click (left mouse button) should work. Version 1.1.0 sometimes
didnt double click properly, 1.1.2 has that fixed.

The window going back to half size is THE WAY WINDOWS WORKS, I have no
control over that. When a window is MAXIMIZED and a new window is created,
the current window goes back to its non-maximized state.

>11. I have a DFjr coming this week. I have no idea if it will support it
>right yet...
>

Yes it does support the DFjr, and this is in the docs.

>
>Some of the above maybe my fault. I have not found answers in the doc's.
>

I have been updating the documentation over the last week, several of these
are covered in the docs. I hope these answers help.

Mark Sproul

Mark Sproul	Amateur Radio: KB2ICI
Software Engineer @ Assoc Press	
sproul@ap.org	Work: 609-860-7120
North Brunswick, NJ	Fax: 609-860-7129
http://msproul.rutgers.edu/	

From jratchf@bulldog.afsc.k12.ar.us Wed Jul 17 08:50:58 1996
Received: from bulldog.afsc.k12.ar.us (root@[170.211.157.174]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id IAA06289 for <aprssig@tapr.org>; Wed, 17 Jul 1996
08:50:55 -0500 (CDT)
Received: from jratchf.bulldog.afsc.k12.ar.us (slip2.afsc.k12.ar.us
[170.211.157.176]) by bulldog.afsc.k12.ar.us (8.6.11/8.6.9) with SMTP id IAA17213
for <aprssig@tapr.org>; Wed, 17 Jul 1996 08:50:49 -0500
Message-Id: <199607171350.IAA17213@bulldog.afsc.k12.ar.us>
From: "J. Scott Ratchford, KC5JGV" <jratchf@bulldog.afsc.k12.ar.us>
To: <aprssig@tapr.org>
Subject: Re: [APRSSIG:3087] winAPRS, what I cannot do..
Date: Wed, 17 Jul 1996 08:48:48 -0500

X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1085
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

>

> I'm running it on a P166, 32megs ram, SVGA at 800x600 under WIN95a.

>

Sounds like overkill to me! I go mobile with a Grid 386, 4 megs ram, SVGA mono under DOS with DOS APRS, and NO PROBLEMS!!! Not to mention the Garmin 55 GPS and Agrelo DFjr, all on 1 serial port!

I do, however, also overkill with a Pentium system at the QTH running DOS APRS, of course.

--

J. Scott Ratchford - KC5JGV - Marshall, Arkansas
* North Arkansas Amateur Radio Society, Inc.
* Marshall Volunteer Fire Dept./EMS First Responder
* Calf Creek Lodge #426
* E. Daniel Hardware Liars Club

From ke4eer@worldnet.att.net Wed Jul 17 12:04:57 1996
Received: from mailhost.worldnet.att.net (mailhost.worldnet.att.net [204.127.129.3]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id MAA13723 for <aprssig@tapr.org>; Wed, 17 Jul 1996 12:04:56 -0500 (CDT)
Received: by mailhost.worldnet.att.net (SMI-8.6/SMI-SVR4) id RAA13061; Wed, 17 Jul 1996 17:04:24 GMT
Received: from 105.dallas-1.tx.dial-access.att.net(199.69.132.105) by mailhost.worldnet.att.net with SMTP id A13006; Wed Jul 17 17:04:21 1996
Message-ID: <31ED3928.2F72@worldnet.att.net>
Date: Wed, 17 Jul 1996 12:04:08 -0700
From: William Nolle <ke4eer@worldnet.att.net>
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3105] Voluteer Your Help
References: <199607171311.IAA16912@bulldog.afsc.k12.ar.us>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

J. Scott Ratchford, KC5JGV wrote:

>

> This message wasn't planned to be this long but All I am saying
> is that your actions are reflected on all hams. So please, take a little
> time, voluteer your help and lets keep this hobby a pleasure to everyone.

>

> "And that's all I got to say about that."

> --

> J. Scott Ratchford - KC5JGV

> Marshall, Arkansas

Scott your assuming all of the ideas you mentioned haven't been done.

--

```
      \\\\\\\
      (o o)
*--o00-( )-00o--*
      Bill WA8INZ
ke4eer@worldnet.att.net
ke4eer@amsat.org
```

From selwo@nildram.co.uk Wed Jul 17 14:15:43 1996
Received: from linux.nildram.co.uk (root@linux.nildram.co.uk [195.112.0.2]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id 0AA17112 for <aprssig@tapr.org>; Wed, 17
Jul 1996 14:15:40 -0500 (CDT)
Received: from nild279.netkonect.co.uk (nild279.netkonect.co.uk [194.164.11.237])
by linux.nildram.co.uk (8.6.12/8.6.12) with SMTP id UAA25555 for
<aprssig@tapr.org>; Wed, 17 Jul 1996 20:24:18 +0100
Date: Wed, 17 Jul 1996 20:24:18 +0100
Message-Id: <199607171924.UAA25555@linux.nildram.co.uk>
X-Sender: selwo@mail.nildram.co.uk
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: selwo@nildram.co.uk (Les Owles)
Subject: Re: [APRSSIG:3080] Re: Downloading problem?
X-Mailer: <PC Eudora Version 1.4>

On 6th July Ken Bording wrote:-

>I attempted to download all the 7.6F files over the weekend also. It took
>forever at 28.8 and then the .zip would not explode. Error message from
>PKUNZip said "corrupted ZIP file (?)!!!!. I'm going to try again tonight.
>

I downloaded Maptech.zip from the SIG and when un-zipping had a CRC error
report, tried downloading a second time but same result, PKZIPFIX couldn't
fix it either, has anyone else had the same problem with this file?

--

Les Owles [G4IRJ]

From schiers@ames.net Wed Jul 17 14:34:14 1996
Received: from bbs.ames.net (ames.net [206.29.126.2]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id 0AA17783 for <aprssig@tapr.org>; Wed, 17 Jul 1996
14:34:05 -0500 (CDT)
From: schiers@ames.net
Message-Id: <199607171934.0AA17783@tapr.org>
Received: from [206.29.126.237] by ames.net id 741c0.wrk; Wed, 17 Jul 1996
14:32:58 -0600
Date: Wed, 17 Jul 96 14:33:57 -0500

To: aprssig@tapr.org
Subject: Re: [APRSSIG:3047] Re: Trimble/PacComm GPS Antenna Rep
In-Reply-To: <738042@bbs.ames.net>
X-Mailer: MR/2 Internet Cruiser Edition for OS/2 v1.06

In <738042@bbs.ames.net>, on 07/15/96 at 06:07 PM,
aprssig@tapr.org said:

>At 10:45 AM 7/15/96 -0500, you wrote:

>>Could some one put me on to a source (with phone number) of an adapter
>>that goes from the Trimble sma or smb (whatever it is) to BNC for my
>>GPS-45 Garmin.

>>

>>I saw some mention of it a long time ago, but can't locate it. THANKS!

>>

>>73

>>

>>hasan schiers, NOAN--

>The end of the Trimble is female. You need a male SMB, also called a "jac
>The Pasternack part for BNC male >> SMB jack is PE9132 (cost = \$25.95).

Yes, Stacey, that is a big help. Unfortunately, Pasternack wants a minimum
order of 100 bucks...and the connector is 25 as you state. Kinda stumped
about where to go from here. Thanks again....any suggestions? 73,

hasan schiers, NOAN--

schiers@ames.net

From CHEAD@exame2.dseg.ti.com Wed Jul 17 16:02:35 1996
Received: from dragon.ti.com (dragon.ti.com [192.94.94.61]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id QAA20328 for <aprssig@tapr.org>; Wed, 17 Jul 1996
16:02:29 -0500 (CDT)
Received: from lesol1.dseg.ti.com ([157.170.147.17]) by dragon.ti.com (8.6.13/
ac3i.dseg.ti.com) with ESMTP id QAA26586 for <aprssig@tapr.org>; Wed, 17 Jul 1996
16:01:48 -0500
Received: from exame2.dseg.ti.com (EXAME2.dseg.ti.com [128.247.183.127]) by
lesol1.dseg.ti.com (8.6.9/8.6.6) with SMTP id QAA00925 for <aprssig@tapr.org>;
Wed, 17 Jul 1996 16:01:16 -0500
Date: Wed, 17 Jul 1996 16:00:17 -0500 (CDT)
From: Claude 995-5040 pager 4541 <CHEAD@exame2.dseg.ti.com>
To: aprssig@tapr.org
CC: CHEAD@exame2.dseg.ti.com
Message-Id: <960717160018.20818a4f@exame2.dseg.ti.com>
Subject: RE: [APRSSIG:3111] Re: Trimble/PacComm GPS Antenna Rep

Hasan, unless you just really want to keep the SMB connector on the Trimble
antenna, I'd suggest just cutting it off and replacing it with a regular
male BNC connector. It's easy to do, works great, connects directly to the
Garmin GPS 45, and costs a WHOLE lot less than the SMB adaptor. Call it

three or four bucks for the BNC, and two or three bucks for some small shrink tubing to help distribute the stress from the cable to the BNC, and 15 minutes work. As I reported earlier on my experience with the Trimble antenna, Jim Lawyer, AA5QX, can provide all the details about changing the connector.

73 Claude Head
K5DTN

From n4nr@vulcan.com Wed Jul 17 16:10:05 1996
Received: from koala.scott.net (root@koala.scott.net [204.181.147.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id QAA20699 for <aprssig@tapr.org>; Wed, 17 Jul 1996 16:10:03 -0500 (CDT)
Received: from news.scott.net (root@news.scott.net [204.181.147.3]) by koala.scott.net (8.7.4/8.7.3) with ESMTP id QAA19712 for <aprssig@tapr.org>; Wed, 17 Jul 1996 16:09:50 -0500
Received: from vulcan.UUCP (vulcan@localhost) by news.scott.net (8.6.10/8.6.9) with UUCP id PAA14474 for aprssig@tapr.org; Wed, 17 Jul 1996 15:56:44 -0500
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3097] Re: APRS Legal Question
From: n4nr@vulcan.com (N4NR)
Message-ID: <8C4A3AD.0012001D7F.uuout@vulcan.com>
Date: Wed, 17 Jul 96 15:41:00 -0600
Organization: B'ham Amateur Radio Gateway (vulcan.com)
Reply-To: n4nr@vulcan.com (N4NR)
References: <199607170128.VAA09869@grumpy.magg.net>
X-Mailreader: PCBoard Version 15.22
X-Mailer: PCBoard/UUOUT Version 1.20

-> Would a HID beacon not meet the ID requirements also ?
->
-> I know that the callsign somewhere in the BTEXT would fill the bill,
-> but I was also under the notion that the HID if turned on will ID
-> every 10 minutes if the station (TNC) has transmitted in the last 10
-> min period. I may be wrong but I too would like to know.

It is very common for a normal (non-aprs) packet node to use an alias, and whenever that node transmits packets to a user of that node, the only ID shown is the NODE_ALIAS>USER_CALL designation. The ID function is cared for with the HID in these cases, as pointed out above...

Many, many packets don't have the ID of the transmitting station contained anywhere in them.

Dennis - N4NR

From khufford@erols.com Wed Jul 17 17:20:39 1996
Received: from smtp2.erols.com (root@smtp2.erols.com [205.252.116.102]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id RAA23296 for <aprssig@tapr.org>; Wed, 17 Jul 1996 17:20:32 -0500 (CDT)
Received: from khufford.erols.com (man-as1s53.erols.com [206.161.170.53]) by smtp2.erols.com (8.7.3/8.6.5) with SMTP id SAA15635 for <aprssig@tapr.org>; Wed, 17 Jul 1996 18:20:22 -0400 (EDT)

Message-Id: <199607172220.SAA15635@smtp2.erols.com>
X-Sender: khufford@pop.erols.com
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Wed, 17 Jul 1996 22:20:11 -0400
To: aprssig@tapr.org
From: Kent V Hufford <khufford@erols.com>
Subject: Re: [APRSSIG:3108] Re: winAPRS, what I cannot do..

Well, Scott,

The point about using a P166. That is my HOME machine. Just dont want an "answer" that I need

1. more ram
2. more video
3. or more of anything else...

My current laptop (which runs dosAPRS on one serial port, gps, etc GREAT) is a TI 4000M.

However I cannot run winAPRS with GPS and TNC with the HSP yet... Of course I could make a MANUAL HSP with a switch. Switch? I could program an ALTAR with switches.. but this is not the 70s<g>..

Just this hour, my DFjr came in a box. 2nd DAY AIR (which took 8 weeks)

Kent

At 09:02 AM 7/17/96 -0500, you wrote:

>>
>> I'm running it on a P166, 32megs ram, SVGA at 800x600 under WIN95a.
>>
> Sounds like overkill to me! I go mobile with a Grid 386, 4 megs ram, SVGA
> mono under DOS with DOS APRS, and NO PROBLEMS!!! Not to mention the Garmin
> 55 GPS and Agrelo DFjr, all on 1 serial port!
>
> I do, however, also overkill with a Pentium system at the QTH running DOS
> APRS, of course.
>
>--
> J. Scott Ratchford - KC5JGV - Marshall, Arkansas
> * North Arkansas Amateur Radio Society, Inc.
> * Marshall Volunteer Fire Dept./EMS First Responder
> * Calf Creek Lodge #426
> * E. Daniel Hardware Liars Club
>
>
>

From ku0g@sprynet.com Wed Jul 17 17:22:39 1996
Received: from m1.sprynet.com (m1.sprynet.com [165.121.1.97]) by tapr.org

(8.7.5/8.7.3/1.9) with SMTP id RAA23350 for <aprssig@tapr.org>; Wed, 17 Jul 1996 17:22:38 -0500 (CDT)
From: ku0g@sprynet.com
Received: from [199.174.138.34] (ad11-034.compuserve.com [199.174.138.34]) by m1.sprynet.com (8.6.12/8.6.12) with SMTP id PAA16360 for <aprssig@tapr.org>; Wed, 17 Jul 1996 15:20:20 -0700
Date: Wed, 17 Jul 1996 15:20:20 -0700
Message-Id: <199607172220.PAA16360@m1.sprynet.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Subject: Re: [APRSSIG:3110] Re: Downloading problem?
To: aprssig@tapr.org
In-Reply-To: <199607171924.UAA25555@linux.nildram.co.uk>
X-Mailer: SPRY Mail Version: 04.00.06.21

Yes, I've had the same problem with the MAPTECH.ZIP file. Have tried to get it several times with the exact same result each time....

Best 73,
Jim Duncan, KU0G
APRS--Kansas City Coordinator
EMail: ku0g@sprynet.com

From n2czf@magg.net Wed Jul 17 17:56:29 1996
Received: from grumpy.magg.net (root@grumpy.magg.net [205.218.112.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id RAA24658 for <aprssig@tapr.org>; Wed, 17 Jul 1996 17:56:28 -0500 (CDT)
Received: from Cybergate (wpb-188.magg.net [205.218.112.188]) by grumpy.magg.net (8.7.5/8.7.3) with SMTP id SAA18310 for <aprssig@tapr.org>; Wed, 17 Jul 1996 18:52:52 -0400
Date: Wed, 17 Jul 1996 18:52:52 -0400
Message-Id: <199607172252.SAA18310@grumpy.magg.net>
X-Sender: n2czf@magg.net
X-Mailer: Windows Eudora Version 1.4.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: n2czf@magg.net (Richard Garcia)
Subject: Re: [APRSSIG:3113] Re: APRS Legal Question

>-> Would a HID beacon not meet the ID requirements also ?

>->

>-> I know that the callsign somewhere in the BTEXT would fill the bill,
>-> but I was also under the notion that the HID if turned on will ID
>-> every 10 minutes if the station (TNC) has transmitted in the last 10
>-> min period. I may be wrong but I too would like to know.

>

>It is very common for a normal (non-aprs) packet node to use an alias,
>and whenever that node transmits packets to a user of that node, the
>only ID shown is the NODE_ALIAS>USER_CALL designation. The ID function
>is cared for with the HID in these cases, as pointed out above...

>

>Many, many packets don't have the ID of the transmitting station
>contained anywhere in them.
>
>Dennis - N4NR

Thankyou

73's Rich N2CZF
n2czf@magg.net
<http://www.magg.net/~n2czf> (Personal)
<http://www.magg.net/~n2czf/aprs.html> (Florida APRS)
Jupiter Farms Florida EL96

From KD4EMI@aol.com Wed Jul 17 18:44:48 1996
Received: from emout15.mail.aol.com (emout15.mx.aol.com [198.81.11.41]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id SAA26553 for <aprssig@tapr.org>; Wed, 17
Jul 1996 18:44:41 -0500 (CDT)
From: KD4EMI@aol.com
Received: by emout15.mail.aol.com (8.6.12/8.6.12) id TAA06770 for
aprssig@tapr.org; Wed, 17 Jul 1996 19:45:33 -0400
Date: Wed, 17 Jul 1996 19:45:33 -0400
Message-ID: <960717194530_363090037@emout15.mail.aol.com>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3113] Re: APRS Legal Question

>
DENNIS WRITES:

common for a normal (non-aprs) packet node to use an alias,
>and whenever that node transmits packets to a user of that node, the
>only ID shown is the NODE_ALIAS>USER_CALL designation. The ID function
>is cared for with the HID in these cases, as pointed out above...

>
>Many, many packets don't have the ID of the transmitting station
>contained anywhere in them.
>
>Dennis - N4NR
>

I believe that Dennis is correct...When operating through nodes , we
sometimes used a ACRONYM to describe it...As long as the station ID's it's
callsign every 10 min he can be whatever alias he wants...The guy who said
its absolutely incorrect is partially incorrectIt IS illegal to use an
NON CALLSIGN ALIAS unless you beacon your ID every 10.

Lets look carefully at the packets that were provided to the sig ok !!

NWSPTC 161914@162019z**Testing** NWS PeachTree City,GA
NWSPTC 161754@071620z3326.04N/08426.04W*Testing*
NWSPTC>APRS,AB4KN-2,N4NEQ-2,WIDE

-

NONE of these has the standard ID text so therefore there is NO ID text to
identify...If these are the only packets being xmitted then there is a

problem... BUT if every ten minutes we see

```
NOCALL /R NWSPTC /D RELAY /N
```

then this id's the station NOCALL as the ID (the /r)
NWSPTC /D indicates that NWSPTC is the alias
RELAY is the NODE

an alphanumeric with a /g would indicate the gate echo /G
Here is my ID on HF and packet (though I use callsigns) From memory,
the order may be wrong.

```
<<UI>>KD4EMI-3 /R RELAY /D ECHO /G KD4EMI-1 /B
```

/r again is the station callsign
/d is the alias
/g is the gate
/b is the PBBS

This is the standard convention...If the user is not ID'ing in this fashion
then there is a problem

This goes out every 9.5 minutes..

What should have been included was the guys ID text (if he sends it)
ANY TACTICAL or ALIAS can be used,(EVEN IN VOICE) as long as you IDENTIFY
yourself every ten minutes...HID transmits a ID packet every 9.5 minutes

Now, if you xmit PCTWX or whatever (the tactical callsign) as the id and
not the real one...then that isnt correct...

PS the same included for VOICE...you can speak tactical as long as you
identify...
Dont you guys use nodes ??

Mike
KD4EMI@AOL.COM

From KD4EMI@aol.com Wed Jul 17 18:55:11 1996
Received: from emout10.mail.aol.com (emout10.mx.aol.com [198.81.11.25]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id SAA27120 for <aprssig@tapr.org>; Wed, 17
Jul 1996 18:55:09 -0500 (CDT)
From: KD4EMI@aol.com
Received: by emout10.mail.aol.com (8.6.12/8.6.12) id TAA15671 for
aprssig@tapr.org; Wed, 17 Jul 1996 19:55:44 -0400
Date: Wed, 17 Jul 1996 19:55:44 -0400
Message-ID: <960717195536_579092578@emout10.mail.aol.com>
To: aprssig@tapr.org
Subject: Addendum

PS my id for gate is Gate not echo...

```
KD4EMI-3 /R Gate /G KD4EMI-1 /B
```

etc..

Mike KD4EMI@ AOL.COM

(I'll watch that station in Georgia and see if he id's !)

From rsellers@misha.net Wed Jul 17 19:54:39 1996

Received: from misha.net (delta.wwwa.com [204.120.206.5]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id TAA29411 for <aprssig@tapr.org>; Wed, 17 Jul 1996
19:54:37 -0500 (CDT)

Received: from rsellers by misha.net (SMI-8.6/SMI-SVR4)
id TAA00895; Wed, 17 Jul 1996 19:54:25 -0500

Date: Wed, 17 Jul 1996 19:54:25 -0500

Message-Id: <199607180054.TAA00895@misha.net>

X-Sender: rsellers@misha.net

X-Mailer: Windows Eudora Version 1.4.3

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

To: aprssig@tapr.org

From: rsellers@misha.net (Roger Sellers)

Subject: Re: [APRSSIG:3111] Re: Trimble/PacComm GPS Antenna Rep

>>At 10:45 AM 7/15/96 -0500, you wrote:

>>>Could some one put me on to a source (with phone number) of an adapter
>>>that goes from the Trimble sma or smb (whatever it is) to BNC for my
>>>GPS-45 Garmin.

>>>I saw some mention of it a long time ago, but can't locate it. THANKS!
>

>>The end of the Trimble is female. You need a male SMB, also called a "jac
>>The Pasternack part for BNC male >> SMB jack is PE9132 (cost = \$25.95).
>

>Yes, Stacey, that is a big help. Unfortunately, Pasternack wants a minimum
>order of 100 bucks...and the connector is 25 as you state. Kinda stumped
>about where to go from here. Thanks again....any suggestions? 73,
>

I've posted this address several times so here it is again. I bought some
SMA to SMB adaptors from him at a hamfest for like \$10 then bought an SMA to
BNC adaptor for \$2-3. I've not heard back any problems with him so I assume
he's OK to deal with. Here goes hope it can help somebody:

Ron Weiser

Telesciences Transmission Systems

171 N. Covington Dr.

Bloomingsdale, Il. 60108-3113

Tel: (708)307-5900 area code may have changed to 847

FAX: (708)307-6062

Direct: (708)-307-3815

73,

Roger Sellers

Amateur Radio: KB9LBU

E-Mail Home: rsellers@misha.net

E-Mail Work: rsellers@snds.com

From rwf@mindspring.com Wed Jul 17 21:01:01 1996

Received: from itchy.mindspring.com (itchy.mindspring.com [204.180.128.6]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id VAA01753 for <aprssig@tapr.org>; Wed, 17 Jul 1996 21:00:59 -0500 (CDT)

Received: from borg.mindspring.com (borg.mindspring.com [204.180.128.14]) by itchy.mindspring.com (8.7.5/8.7.3) with ESMTP id WAA28235 for <aprssig@tapr.org>; Wed, 17 Jul 1996 22:00:57 -0400 (EDT)

Received: from rwf.mindspring.com (user-168-121-44-154.dialup.mindspring.com [168.121.44.154]) by borg.mindspring.com (8.6.12/8.6.12) with SMTP id WAA08804 for <aprssig@tapr.org>; Wed, 17 Jul 1996 22:00:54 -0400

Message-Id: <2.2.32.19960718020229.006d39dc@mindspring.com>

X-Sender: rwf@mindspring.com

X-Mailer: Windows Eudora Pro Version 2.2 (32)

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Date: Wed, 17 Jul 1996 22:02:29 -0400

To: aprssig@tapr.org

From: rwf <rwf@mindspring.com>

Subject: Re: [APRSSIG:3106] Re: APRS Legal Question

Nick wrote:

>This station, whoever it is, continues to beacon thru my digi(WA4GKM-5),
>which is seen in several states. It is not legal and someone in the
>Atlanta area should call this person and tell them to stop!

[Line break added]

> I was flamed
>by one of the Atlanta stations simply because I went over Atlanta
>aeronautical mobile and had relay in the unproto path. But he does not
>bother to simply call this person up and say "did you know this is
>illegal to beacon without a callsign".

This whole issue is so juvenile! The two subjects have nothing in common., and the RELAY was at the end of the path- not just "in" it.

I know I politely asked Nick to stop using RELAY at the end of his *AERO MOBILE'S* path because it was causing thousands of retransmissions over 4 states, including ruining my wife's TV reception every minute (since the packet antenna is on the tv mast). My wife tolerates APRS, but doesn't like it well enough to have a digi at home.

And by the way, I waited until he did it twice before i mentioned it to him. A week of two before that, it was being done from the mobile.

I know it makes a station REALLY visible, but folks need to understand that EVERY APRS station relays you each time you beacon this way... including my battery powered station whose power supply is sized only for its intended use and NOT for digipeater service.

This is not flaming- it is preserving and conserving radio bandwidth.

If this becomes something that folks do a lot, then maybe we should rethink having a RELAY alias at all. It would be a shame, since it does help out when used properly. As far as home stations go, I don't think we can just use O C T and change our alias because I think APRS periodically resets the alias to RELAY, doesn't it? Yes, I know I can turn DIGIpeat off in the InitTapr file of APRS- but then I couldn't digi thru my house while in the driveway and under my control.

As far as the guy in Peachtree City goes, why don't some of you people who have such a problem with it just call him and cuss him out if it bothers you so much. Isn't it his problem, not yours? I think he is Eddie, N4YTR.

I know that The King Of The Flamers is just waiting in the wings!

APRS is supposed to be FUN!

From gerry@cs.tamu.edu Wed Jul 17 21:44:29 1996
Received: from cs.tamu.edu (clavin.cs.tamu.edu [128.194.130.106]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id VAA03173 for <aprssig@tapr.org>; Wed, 17 Jul 1996 21:44:28 -0500 (CDT)
Received: from solar.cs.tamu.edu (2961@solar.cs.tamu.edu [128.194.132.1]) by cs.tamu.edu (8.6.10/8.6.4) with ESMTP id VAA12597 for <aprssig@tapr.org>; Wed, 17 Jul 1996 21:44:45 -0500
From: Gerald J Creager <gerry@cs.tamu.edu>
Received: (gerry@localhost) by solar.cs.tamu.edu (8.6.10/8.6.4) id VAA27099 for aprssig@tapr.org; Wed, 17 Jul 1996 21:42:55 -0500
Message-Id: <199607180242.VAA27099@solar.cs.tamu.edu>
Subject: Re: [APRSSIG:3111] Re: Trimble/PacComm GPS Antenna Rep
To: aprssig@tapr.org
Date: Wed, 17 Jul 1996 21:42:55 -0500 (CDT)
In-Reply-To: <199607171934.0AA17783@tapr.org> from "schiers@ames.net" at Jul 17, 96 02:47:28 pm
X-Mailer: ELM [version 2.4 PL25]
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

I've just crimped on 2 BNCs to a couple of Trimble antennas that are the predecessor of the current one available from PacComm. A crimp connector for RG-174 works real good.

73, gerry

From N2ZRC@gnn.com Wed Jul 17 22:18:23 1996
Received: from mail-e2b-service.gnn.com (mail-e2b-service.gnn.com [204.148.102.170]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id WAA04762 for <aprssig@tapr.org>; Wed, 17 Jul 1996 22:18:15 -0500 (CDT)
Received: from 52-150.client.gnn.com. (52-150.client.gnn.com [205.188.52.150]) by mail-e2b-service.gnn.com (8.7.1/8.6.9) with SMTP id XAA19032 for

<aprssig@tapr.org>; Wed, 17 Jul 1996 23:17:39 -0400 (EDT)
Message-Id: <199607180317.XAA19032@mail-e2b-service.gnn.com>
X-Mailer: GNNmessenger 1.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Wed, 17 Jul 1996 23:18:46
From: Arte Booten <N2ZRC@gnn.com>
To: aprssig@tapr.org
Subject: (Fwd) HF Problems

Hi All,

I got this guy into APRS, but can't answer these. Please respond direct to him, or to me and I'll forward them. Thanks.

MSG # TR SIZE TO FROM @BBS DATE TITLE
27191 PN 1080 N2ZRC N2JBO KB2VLK 960717 Need Help w/APRS
Forwarding path: N2BQF KA2MSL WA2YSM

Arte, are you going to help me out or what ? I really need some help here!!! I get on HF and have no idea how to get on to VHF... Or how to Send Talk messages via NU5Q>RELAY>WIDE>APRS OR ANY OTHER WAY ?? I was trying to talk to NU5Q last nite... He was stuck and I knew the answer ... But I could not get back to him... His Messages were visible to me as NU5Q>RELAY>WIDE>APRSW> Help needed on APRS ? How would I respond to a message like this... I have about 8 different DIGI-PATHS saved in my Program...

Waht is the FILE-LOAD sequence to reload a .BK that I have previously saved??? Of which I have several??? I also renamed the .exe file for starting aprs to APRS.EXE ... I am ready for INPUT... HELP de Dave

*** END OF MSG # 27191 from N2JBO @ WA2YSM.#ENY.NY.USA.NA

Arte Booten <N2ZRC@gnn.com>(preferred) or <N2ZRC@aol.com>(if necessary)
(Packet Radio: N2ZRC@KB2VLX.#BRONX.NY.USA.NA)
[Cruise Missile Coordinates: 40 52.69N / 073 54.06W]

Set coordinates 2-7-1, Chewbacca...

From james-m@ix.netcom.com Wed Jul 17 22:51:54 1996
Received: from dfw-ix8.ix.netcom.com (dfw-ix8.ix.netcom.com [206.214.98.8]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id WAA06063 for <aprssig@tapr.org>; Wed, 17 Jul 1996 22:51:52 -0500 (CDT)
Received: from #james-m (sav-ga6-04.ix.netcom.com [206.217.118.68]) by dfw-ix8.ix.netcom.com (8.6.13/8.6.12) with SMTP id UAA05586 for <aprssig@tapr.org>; Wed, 17 Jul 1996 20:51:35 -0700
Message-ID: <31EDB3C2.268A@ix.netcom.com>

Date: Wed, 17 Jul 1996 23:47:14 -0400
From: Don Murray <james-m@ix.netcom.com>
Organization: AE4BR
X-Mailer: Mozilla 3.0b4 (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3100] Re: APRS Legal Question
References: <31EC83C0.24D9@worldnet.att.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

William Nolle wrote:

>
> Richard Garcia wrote:
> >
> > Would a HID beacon not meet the ID requirements also ?
> >
> > I know that the callsign somewhere in the BTEXT would fill the bill, but I
> > was also under the notion that the HID if turned on will ID every 10 minutes
> > if the station (TNC) has transmitted in the last 10 min period. I may be
> > wrong but I too would like to know.
> >
> > Personally I do not feel that it is too much trouble to ask for a measly
> > callsign in the BTEXT but there are always alternate ways.
> >
> > >As long as a VALID callsign appears SOMEWHERE in the Beacon and adequately
> > shows
> > >the station/operator ID that meets the letter of the ID law. I verified this
> > >with FCC in Kansas City about a year ago... Again, the callsign of the
> > >operator/station licensee MUST appear somewhere in the beacon text.
> > >
> > >Best 73,
> > >Jim Duncan, KU0G
> > >APRS--Kansas City Coordinator
> > >EMail: ku0g@sprynet.com
> > >
> > >
> > 73's Rich N2CZF
> > n2czf@magg.net
> > <http://www.magg.net/~n2czf> (Personal)
> > <http://www.magg.net/~n2czf/aprs.html> (Florida APRS)
> > Jupiter Farms Florida EL96
>
> But no callsign is given, the complete beacon is
>
> NWSPTC 161914@162019z**Testing** NWS PeachTree City,GA
> NWSPTC 161754@071620z3326.04N/08426.04W*Testing*
> NWSPTC>APRS,AB4KN-2,N4NEQ-2,WIDE
>
> Now if i read the rules correctly wouldn't any digi owner also place himself in
> a legal position for trouble knowing that your digi is being used this way?..
> Again let me make this clear i'm not flaming anyone, but would sure like to
> know. I never seen anything in the BTEXT either except the above. It does show

> a NWS symbol also. I don't want to open a can of worms but want to keep my
> digi legal Hi.
>
> --
> \/////
> (o o)
> *--o00-()-00o--*
> Bill WA8INZ
> ke4eer@worldnet.att.net
> ke4eer@amsat.org

Maybe he has a KPC-3 and has it set so that it ID's in CW every
9.5mins.. This is how I have my APRS TNC set..

Don
AE4BR

From james-m@ix.netcom.com Wed Jul 17 22:52:13 1996
Received: from dfw-ix8.ix.netcom.com (dfw-ix8.ix.netcom.com [206.214.98.8]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id WAA06081 for <aprssig@tapr.org>; Wed, 17
Jul 1996 22:52:11 -0500 (CDT)
Received: from #james-m (sav-ga6-04.ix.netcom.com [206.217.118.68]) by dfw-
ix8.ix.netcom.com (8.6.13/8.6.12) with SMTP id UAA05592 for <aprssig@tapr.org>;
Wed, 17 Jul 1996 20:51:38 -0700
Message-ID: <31EDB4AD.62A3@ix.netcom.com>
Date: Wed, 17 Jul 1996 23:51:09 -0400
From: Don Murray <james-m@ix.netcom.com>
Organization: AE4BR
X-Mailer: Mozilla 3.0b4 (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3102] Re: APRS Legal Question
References: <01BB739F.ED076620@larry.onramp.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Larry Griffin wrote:

>
> On Tue, 16 Jul 1996, William Nolle <ke4eer@worldnet.att.net> wrote:
> >But no callsign is given, the complete beacon is
> >
> >NWSPTC 161914@162019z**Testing** NWS PeachTree City,GA
> >NWSPTC 161754@071620z3326.04N/08426.04W*Testing*
> >NWSPTC>APRS,AB4KN-2,N4NEQ-2,WIDE
>
> -----
>
> Those packets are NOT LEGAL ON HAM FREQUENCIES.
> Whoever is operating NWSPTC needs to put a valid ham call in MYCALL.
> Period. End of discussion.
>
> Larry - AB5GE

Did I miss the FCC repealing the section of Part 97 that allows for the ID of a station with CW?? I don't know but think it just might be possible these people could be using a Kantronics TNC that allows for CW iding..

Let's don't suggest that someone is doing something illegal until we have checked out all possibilities..

BTW I use the CW ID feature of the KPC to ID my APRS setup every 9.5 mins, and according to what I have read, This is the only ID I need to be concerned with..

DoN

From wa4dsy@wa4dsy.radio.org Wed Jul 17 22:57:13 1996
Received: from smtp-gw01.ny.us.ibm.net (smtp-gw01.ny.us.ibm.net [165.87.194.252])
by tapr.org (8.7.5/8.7.3/1.9) with SMTP id WAA06127 for <aprssig@tapr.org>; Wed,
17 Jul 1996 22:57:06 -0500 (CDT)
Received: (from uucp@localhost) by smtp-gw01.ny.us.ibm.net (8.6.9/8.6.9) id
DAA154955 for <aprssig@tapr.org>; Thu, 18 Jul 1996 03:56:48 GMT
Message-Id: <199607180356.DAA154955@smtp-gw01.ny.us.ibm.net>
Received: from wa4dsy-1.wa4dsy.radio.org(206.28.196.146) by smtp-
gw01.ny.us.ibm.net via smap (V1.3mjr)
id smaLA4CKs; Thu Jul 18 01:25:02 1996
Date: Wed, 17 Jul 96 21:24:24 EDT
From: wa4dsy@wa4dsy.radio.org (Dale Heatherington)
Reply-To: wa4dsy@wa4dsy.radio.org (Dale Heatherington)
To: aprssig@tapr.org
X-Mailer: Dale Heatherington's PMMail v1.1
Subject: WinAprs still won't run with OS/2

Yes, even the latest version of WinAPRS fails with a
"Unexpected DOS error 23" when it loads
under OS/2. This is a MAJOR bug. OS/2 has
a fully operational Windows 3.11 system.
In fact, on my system it *is* an actual
licensed copy of Windows 3.11!
Any Windows 3.x program which will not run
on it is seriously flawed. Pleeeese... this
needs to be fixed.

Or, better yet, give up on that sorry excuse for an
operating system (Windows) and do an OS/2 port instead :-)

Dale Heatherington, WA4DSY
e-mail - wa4dsy@wa4dsy.radio.org
e-mail - daheath@ibm.net (in case the first one doesn't work)
Web page - <http://www.wa4dsy.radio.org>
This message brought to you by OS/2 Warp Connect.

From wa4dsy@wa4dsy.radio.org Wed Jul 17 23:05:29 1996
Received: from smtp-gw01.ny.us.ibm.net (smtp-gw01.ny.us.ibm.net [165.87.194.252])
by tapr.org (8.7.5/8.7.3/1.9) with SMTP id XAA06487 for <aprssig@tapr.org>; Wed,
17 Jul 1996 23:05:21 -0500 (CDT)
Received: (from uucp@localhost) by smtp-gw01.ny.us.ibm.net (8.6.9/8.6.9) id
EAA75847 for <aprssig@tapr.org>; Thu, 18 Jul 1996 04:04:56 GMT
Message-Id: <199607180404.EAA75847@smtp-gw01.ny.us.ibm.net>
Received: from wa4dsy-1.wa4dsy.radio.org(206.28.196.146) by smtp-
gw01.ny.us.ibm.net via smap (V1.3mjr)
id smaT44Dmb; Thu Jul 18 01:58:52 1996
Date: Wed, 17 Jul 96 21:58:25 EDT
From: wa4dsy@wa4dsy.radio.org (Dale Heatherington)
Reply-To: wa4dsy@wa4dsy.radio.org (Dale Heatherington)
To: aprssig@tapr.org
X-Mailer: Dale Heatherington's PMMail v1.1
Subject: WinAPRS and OS/2 - more info

My previous posting about the DOS 23 error from
OS/2 when WinAPRS loaded was on a machine
which did not have *any* Win32s support.

I installed WinAPRS on another OS/2 machine
with IBMs Win32s 1.25 installed. The results were
much worse. The program did actually start this time.
However, I was greeted with a dire warning which
said that this version Win 32s didn't support 0x1b access and
asked if I wanted to abort or return and error code
to the program. I choose return error code to pgm.

Big mistake. WinAprs did actually put up a USA map.
However, when I attempted to open the TNC it crashed
the whole system with a Trap 3 :-(

Dale Heatherington, WA4DSY
e-mail - wa4dsy@wa4dsy.radio.org
e-mail - daheath@ibm.net (in case the first one doesn't work)
Web page - <http://www.wa4dsy.radio.org>
This message brought to you by OS/2 Warp Connect.

From rwf@mindspring.com Wed Jul 17 23:06:37 1996
Received: from answerman.mindspring.com (answerman.mindspring.com [204.180.128.8])
by tapr.org (8.7.5/8.7.3/1.9) with SMTP id XAA06542 for <aprssig@tapr.org>; Wed,
17 Jul 1996 23:06:35 -0500 (CDT)
Received: from borg.mindspring.com (borg.mindspring.com [204.180.128.14]) by
answerman.mindspring.com (8.6.12/8.6.12) with ESMTP id AAA29809 for

<aprssig@tapr.org>; Thu, 18 Jul 1996 00:06:34 -0400
Received: from rwf.mindspring.com (user-168-121-44-154.dialup.mindspring.com
[168.121.44.154]) by borg.mindspring.com (8.6.12/8.6.12) with SMTP id AAA22283 for
<aprssig@tapr.org>; Thu, 18 Jul 1996 00:06:31 -0400
Message-Id: <2.2.32.19960718040806.007001a0@mindspring.com>
X-Sender: rwf@mindspring.com
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Thu, 18 Jul 1996 00:08:06 -0400
To: aprssig@tapr.org
From: rwf <rwf@mindspring.com>
Subject: Helicopter GPS

I remember some discussions of helicopter mounted GPS receivers awhile back.
Did anyone ever get any experience with it?

I'm wondering about attaching Garmin GPS 35s (the one that looks like a
computer mouse) to the skid, and the effects of the whirling blades above.

Please let me know quickly if you have first hand experience with whether
this worked or not.

Thanks,

Ralph Fowler, N4NEQ
Advisor
S.E.R.A. ATV Technical
rwf@mindspring.com
Atlanta, GA USA
Web: <http://www.mindspring.com/~rwf> for APRS, ATV, Balloon, and
Ham info
My hobby is tracking Vehicles and other things using Ham Radio and APRS. Ask
me how!

From kheyboer@pinegov.co.pinellas.fl.us Thu Jul 18 06:10:32 1996
Received: from pinegov ([136.174.202.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP
id GAA24894 for <aprssig@tapr.org>; Thu, 18 Jul 1996 06:10:26 -0500 (CDT)
Received: from none.compuserve.com by pinegov (SMI-8.6/SMI-SVR4)
id CAA05388; Thu, 18 Jul 1996 02:08:30 -0400
Message-ID: <31EE1B78.5A84@co.pinellas.fl.us>
Date: Thu, 18 Jul 1996 07:09:44 -0400
From: Kevin Heyboer <kheyboer@pinegov.co.pinellas.fl.us>
X-Mailer: Mozilla 2.02Gold (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3083] APRS Legal Question
References: <31EC1B51.51E7@worldnet.att.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Amateur Radio regulations require that a station identify itself every 10 minutes when transmitting Bill, but they don't, to my knowledge, specify that a packet station's call

be exclusively an amateur callsign....so long as that station is sending an ID packet, or for that matter, a CW ID, every 10 mins, it should be legal. Its basically no different than naming a wide area digi.....

William Nolle wrote:

```
>
> This is not to flame anyone but i keep seeing a beacon and WX station on
> my map and it doesn't have a valid Amateur radio callsign other then
> stating as follows:
>
> NWSPTC>APRS,DIGI,DIGI,WIDE
>
> If this is legal i for one never realized that the NWS could transmit a
> WX station info on 145.790 without a valid call going along with the
> beacon.
>
> Like i said this is not to flame anyone but rather to find out the
> legalities of what a weather station can or cannot do!.
>
> --
>      \\\\\
>      (o o)
>  *--o00-( )-00o--*
>      Bill WA8INZ
> ke4eer@worldnet.att.net
> ke4eer@amsat.org
```

From kheyboer@pinegov.co.pinellas.fl.us Thu Jul 18 06:18:45 1996
Received: from pinegov ([136.174.202.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP
id GAA25227 for <aprssig@tapr.org>; Thu, 18 Jul 1996 06:18:42 -0500 (CDT)
Received: from none.compuserve.com by pinegov (SMI-8.6/SMI-SVR4)
id CAA05416; Thu, 18 Jul 1996 02:17:26 -0400
Message-ID: <31EE1DA2.63A8@co.pinellas.fl.us>
Date: Thu, 18 Jul 1996 07:18:58 -0400
From: Kevin Heyboer <kheyboer@pinegov.co.pinellas.fl.us>
X-Mailer: Mozilla 2.02Gold (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3093] New APRSwx program
References: <Pine.SUN.3.91.960716202231.29212A-100000@arctic>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Great idea Bob....but one question before I download it....is this surface wind or upper level wind and what is the source of the data please....I am sure you know the NWS/FAA

switched over from SA format to METAR format on their hourly weather surface observations July 1, thus making the current show NWS functions of APRS non useable...

Kevin

Bob Bruninga wrote:

```
>
> Just for fun and while on vacation, I just finished a routine that tries to
> display the overall wind flow over the surface of a map based on the data
> from all WX stations on the map. Hit the WX-WINDS command and you will
> see about 450 little wind vectors all over the map showing the flow.
> This works at any map scale.
>
> But it wouldnt fit in standard APRS, so I spun-off a new program
> that leaves out the DX and DF stuff and called it APRSwx. Since it will
> include future WX specific functions, it assumes you are registered for
> WX in order to display these additional features..
>
> Again, I dont know that this has any real WX value, but it was just an
> interesting challenge. I expect that there will be additional changes
> to APRSwx very soon, so dont feel in any rush to get it... hi hi
>
> It is on the tapr site as aprswx.zip.
>
> de wb4apr@amsat.org
```

```
From ksproul@hardees.rutgers.edu Thu Jul 18 06:52:43 1996
Received: from hardees.rutgers.edu (hardees.rutgers.edu [128.6.18.2]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id GAA26326 for <aprssig@tapr.org>; Thu, 18 Jul 1996
06:52:40 -0500 (CDT)
Received: (from ksproul@localhost) by hardees.rutgers.edu
(8.6.12+bestmx+oldruq+newsunq+grosshack/8.6.12) id HAA14749; Thu, 18 Jul 1996
07:49:57 -0400
Sender: Keith Sproul <ksproul@hardees.rutgers.edu>
Date: Thu, 18 Jul 96 7:49:56 EDT
From: Keith Sproul <ksproul@hardees.rutgers.edu>
Reply-To: Keith Sproul <ksproul@hardees.rutgers.edu>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3129] Re: New APRSwx program
In-Reply-To: Your message of Thu, 18 Jul 1996 06:34:54 -0500 (CDT)
Cc: <kheyboer@pinegov.co.pineallas.fl.us>
Message-ID: <CMM-RU.1.4.837690596.ksproul@hardees.rutgers.edu>
```

MacAPRS has had this winds-aloft type display since before Dayton. And this just got finished in the WinAPRS version recently. However, the intent and source data are some-what different.. The reason for this in the Mac/Win versions is for using the Winds-Aloft-Data for doing balloon predicitions. The source data is from the FAA / Ohio State Univ.

Check out the documentation at:

<http://aprs.rutgers.edu/APRS/>

and

<http://www-ns.rutgers.edu/~ksproul/APRS/APRSWIND.html>

Keith

```
> Great idea Bob....but one question before I download it....is this surface wind
or upper
> level wind and what is the source of the data please....I am sure you know the
NWS/FAA
> switched over from SA format to METAR format on their hourly weather surface
> observations July 1, thus making the current show NWS functions of APRS non
useable...
>
> Kevin
>
>
>
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> >
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> > This works at any map scale.
> >
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> > that leaves out the DX and DF stuff and called it APRSwx. Since it will
> > include future WX specific functions, it assumes you are registered for
> > WX in order to display these additional features..
> >
> > Again, I dont know that this has any real WX value, but it was just an
> > interesting challenge. I expect that there will be additional changes
> > to APRSwx very soon, so dont feel in any rush to get it... hi hi
> >
> > It is on the tapr site as aprswx.zip.
> >
> > de wb4apr@amsat.org
>
>
```

Keith Sproul
Student Housing Network Coordinator
Rutgers University Computing Services
<http://www-ns.rutgers.edu/~ksproul/>

Ham Radio: WU2Z
ksproul@noc.rutgers.edu
908 445-3695 Work 908 445-2968 Fax
908 821-4828 Home

From schiers@ames.net Thu Jul 18 07:40:51 1996
Received: from bbs.ames.net (ames.net [206.29.126.2]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id HAA28297 for <aprssig@tapr.org>; Thu, 18 Jul 1996
07:40:50 -0500 (CDT)
From: schiers@ames.net
Message-Id: <199607181240.HAA28297@tapr.org>
Received: from [206.29.126.237] by ames.net id 3cf40.wrk; Thu, 18 Jul 1996
07:39:42 -0600
Date: Thu, 18 Jul 96 07:22:00 -0500
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3125] WinAprs still won't run with OS/2
In-Reply-To: <740518@bbs.ames.net>
X-Mailer: MR/2 Internet Cruiser Edition for OS/2 v1.06

In <740518@bbs.ames.net>, on 07/18/96 at 12:21 AM,
aprssig@tapr.org said:

Re: Running WinAPRS under Win-OS/2

>Any Windows 3.x program which will not run
>on it is seriously flawed. Pleeeese... this
>needs to be fixed.

Dale, let's be a little bit careful here. No one I know is a more devoted user of OS/2 than me. I run it on four different machines and have been using it since 2.0 and am now running Connect. However, there are MANY 32 bit windows apps that DO NOT run under OS/2's Win-OS/2 because they REQUIRE version 1.3x of the 32 bit Windows subsystem. Since there isn't any OS/2 1.3x (latest being around 1.25), any program designed to take advantage of the latest capabilities of Win32s will not work under Win-OS/2.

This is NOT a WinAPRS bug. It is part of the on-going war between uSoft and IBM.

Look into the OS/2 Echo of FidoNet and you will see tens if not scores of Windows programs that WILL NOT run under OS/2 with Win32s versions prior to 1.3x. (In other words, they require the LATEST version of Win32s, and will not run at all without it.)

Asking the authors to write "down" to OS/2's Windows level support, is in my mind, going way too far.

I disagree completely with your conclusion that "Any 3.x program which will not run on it is seriously flawed." The problem is NOT the 3.x program, it is in compatibility of the Win32s 32 bit subsystem with Win-OS/2. It is more games from Mr. Bill, who, from my experience has

taken every opportunity to break the interoperability between Windows and OS/2.

Let's not blame the software authors, when it is VERY CLEAR that the problem rests in Redmond. There isn't a damn thing the authors can do about this problem except not use calls required by Win32s 1.3x...which is telling them not to advance the features of their programs because of an incompatibility with an operating system they don't even care about. Expecting a bit much, don't you think?

I fully agree that we ought to get a version of APRS out that is a port to a "real" operating system like OS/2 instead of a kludged up DOS operating shell like Win95. I run a dedicated Win95 machine for WinAPRS and believe me, Win95 is a sorry comparison to OS/2...but it is the only cost-effective way to run WinAPRS well (Win-NT being pretty pricey).

We can hope that the Bros. Sproul would do a port to OS/2, but I just don't know if there is enough demand to make it worth their while.

73,

hasan schiers, NOAN--

schiers@ames.net

From gerry@cs.tamu.edu Thu Jul 18 08:08:21 1996

Received: from cs.tamu.edu (clavin.cs.tamu.edu [128.194.130.106]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id IAA29258 for <aprssig@tapr.org>; Thu, 18 Jul 1996 08:08:20 -0500 (CDT)

Received: from solar.cs.tamu.edu (2961@solar.cs.tamu.edu [128.194.132.1]) by cs.tamu.edu (8.6.10/8.6.4) with ESMTP id IAA20642 for <aprssig@tapr.org>; Thu, 18 Jul 1996 08:08:37 -0500

From: Gerald J Creager <gerry@cs.tamu.edu>

Received: (gerry@localhost) by solar.cs.tamu.edu (8.6.10/8.6.4) id IAA00379 for aprssig@tapr.org; Thu, 18 Jul 1996 08:06:50 -0500

Message-Id: <199607181306.IAA00379@solar.cs.tamu.edu>

Subject: Re: [APRSSIG:3127] Helicopter GPS

To: aprssig@tapr.org

Date: Thu, 18 Jul 1996 08:06:50 -0500 (CDT)

In-Reply-To: <2.2.32.19960718040806.007001a0@mindspring.com> from "rwf" at Jul 17, 96 11:25:37 pm

X-Mailer: ELM [version 2.4 PL25]

MIME-Version: 1.0

Content-Type: text/plain; charset=US-ASCII

Content-Transfer-Encoding: 7bit

I've now talked to a number of guys who ride around in rotating oil leaks (helicopters) and they tell me they have no problems with a handheld in the cockpit. Attaching one to the skid might be an interesting exercise. I think, I might prefer to take it back toward the tail, if possible.

73, gerry

From sproul@ap.org Thu Jul 18 08:38:59 1996
Received: from janus.ap.org (eos.ap.org [165.1.6.1]) by tapr.org (8.7.5/8.7.3/1.9)
with SMTP id IAA00258 for <aprssig@tapr.org>; Thu, 18 Jul 1996 08:38:58 -0500
(CDT)
Received: from [165.1.27.20] by janus.ap.org (SMI-8.6/SMI-SVR4)
id JAA13729; Thu, 18 Jul 1996 09:35:02 -0400
X-Sender: sproul@165.1.6.1
Message-Id: <v03007600ae13e93e9c47@[165.1.27.20]>
In-Reply-To: <199607172220.SAA15635@smtp2.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Thu, 18 Jul 1996 09:15:29 -0400
To: aprssig@tapr.org
From: Mark Sproul <sproul@ap.org>
Subject: Re: [APRSSIG:3114] Re: winAPRS, what I cannot do..

>However I cannot run winAPRS with GPS and TNC with the HSP yet... Of course
>I could make a MANUAL HSP with a switch. Switch? I could program an ALTAR
>with switches.. but this is not the 70s<g>..
>

I am working hard on HSP mode, however, it will probably be the end of
August before it is complete.

I appologize for the delays, but there are only so many hours in a day.

Mark

Mark Sproul	Amateur Radio: KB2ICI
Software Engineer @ Assoc Press	
sproul@ap.org	Work: 609-860-7120
North Brunswick, NJ	Fax: 609-860-7129
http://msproul.rutgers.edu/	

From sproul@ap.org Thu Jul 18 08:39:08 1996
Received: from janus.ap.org (eos.ap.org [165.1.6.1]) by tapr.org (8.7.5/8.7.3/1.9)
with SMTP id IAA00277 for <aprssig@tapr.org>; Thu, 18 Jul 1996 08:39:05 -0500
(CDT)
Received: from [165.1.27.20] by janus.ap.org (SMI-8.6/SMI-SVR4)
id JAA13734; Thu, 18 Jul 1996 09:35:06 -0400
X-Sender: sproul@165.1.6.1
Message-Id: <v03007602ae13ea7fe7b2@[165.1.27.20]>
In-Reply-To: <199607180356.DAA154955@smtp-gw01.ny.us.ibm.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Thu, 18 Jul 1996 09:33:32 -0400

To: aprssig@tapr.org
From: Mark Sproul <sproul@ap.org>
Subject: Re: WinAprs still won't run with OS/2
Cc: wa4dsy@wa4dsy.radio.org

>Dale Heatherington wrote:

>

>Yes, even the latest version of WinAPRS fails with a

>"Unexpected DOS error 23" when it loads

>under OS/2. This is a MAJOR bug. OS/2 has

>a fully operational Windows 3.11 system.

>In fact, on my system it *is* an actual

>licensed copy of Windows 3.11!

>Any Windows 3.x program which will not run

>on it is seriously flawed. Pleeese... this

>needs to be fixed.

>

>Or, better yet, give up on that sorry excuse for an

>operating system (Windows) and do an OS/2 port instead :-)

>

I MUST object to this message.

WinAPRS is NOT, repeat NOT a Windows 3.1 application. It is a Win32 Application. This means it is a full 32 bit application and intended to run under Win95 OR WindowsNT. It will run under Windows 3.1 ***IF*** you install Win32S. Win32S is a collection of DLLs from Microsoft that allow 32 bit applications to run under Windows 3.1 or 3.11.

I have done NOTHING special to make WinAPRS run under Win32S, it just works. The current version of Win32S is 1.3, It is my understanding that the current OS/2 version of Win32S is 1.2.5. I have NO IDEA of the difference and have seen NO documentation to 1.2.5 whatsoever at all.

On the OS/2 side:

I have asked SEVERAL times, if ANYONE knows anything about OS/2 programming AND Windows programming could talk to me about the differences but NOONE has been able to answer my questions, those that program OS/2 dont know anything about Windows (3.1 OR 95) and those that know about Windows, dont know ANYTHING about OS/2. I need an explanation about the differences and what is involved in porting to OS/2. But so far, I have had ZERO feed back on this question.

So Mr. Heatherington, my program is NOT "seriously flawed" but your assumptions as to why it should work are.

Mark Sproul

Mark Sproul | Amateur Radio: KB2ICI
Software Engineer @ Assoc Press |

sproul@ap.org |Work: 609-860-7120
North Brunswick, NJ |Fax: 609-860-7129
<http://msproul.rutgers.edu/>

From sguccione@outland.dtcc.edu Thu Jul 18 08:45:26 1996
Received: from outland.dtcc.edu (sguccione@outland.dtcc.edu [138.123.12.201]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id IAA00464 for <aprssig@tapr.org>; Thu, 18 Jul 1996 08:45:24 -0500 (CDT)
Received: (from sguccione@localhost) by outland.dtcc.edu (8.6.11/8.6.11) id JAA24698; Thu, 18 Jul 1996 09:45:18 -0400
Date: Thu, 18 Jul 1996 09:45:18 -0400 (EDT)
From: Dr Samuel Guccione <sguccione@outland.dtcc.edu>
X-Sender: sguccione@outland
To: aprssig@tapr.org
cc: aprssig@tapr.org
Subject: Re: [APRSSIG:3121] Re: Trimble/PacComm GPS Antenna Rep
In-Reply-To: <199607180242.VAA27099@solar.cs.tamu.edu>
Message-ID: <Pine.SV4.3.91.960718094326.24641C-100000@outland.dtcc.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I would like to add my count to this discussion. I also installed a RG-174 crimp connector to my Trimble. It was easy for me. BTW I managed to break one of the little fingers off of the SMB connector that came with my GPS-20. I think the connector is somewhat fragile. A BNC is very very tough.

Sam K3BY in Delaware

On Wed, 17 Jul 1996, Gerald J Creager wrote:

> I've just crimped on 2 BNCs to a couple of Trimble antennas that are the
> predecessor of the current one available from PacComm. A crimp connector for
> RG-174 works real good.
>
> 73, gerry
>
>

From lmkeeran@rs6000.cmp.ilstu.edu Thu Jul 18 08:54:56 1996
Received: from aix.nsyz.ilstu.edu (aix.nsyz.ilstu.edu [138.87.7.200]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id IAA00911 for <aprssig@tapr.org>; Thu, 18 Jul 1996 08:54:48 -0500 (CDT)
Received: from [138.87.2.109] (i0517009.adm.ilstu.edu [138.87.2.109]) by aix.nsyz.ilstu.edu (AIX4.2/UCB 8.7/8.7) with SMTP id IAA21034 for <aprssig@tapr.org>; Thu, 18 Jul 1996 08:53:15 -0500 (CDT)
Message-Id: <v02120d01ae13f1636821@[138.87.2.109]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Thu, 18 Jul 1996 08:54:52 -0500
To: aprssig@tapr.org

Received: from smtp-gw01.ny.us.ibm.net (smtp-gw01.ny.us.ibm.net [165.87.194.252])
by tapr.org (8.7.5/8.7.3/1.9) with SMTP id JAA02747 for <aprssig@tapr.org>; Thu,
18 Jul 1996 09:37:37 -0500 (CDT)

Received: (from uucp@localhost) by smtp-gw01.ny.us.ibm.net (8.6.9/8.6.9) id
OAA223811 for <aprssig@tapr.org>; Thu, 18 Jul 1996 14:37:18 GMT

Message-Id: <199607181437.OAA223811@smtp-gw01.ny.us.ibm.net>

Received: from wa4dsy-1.wa4dsy.radio.org(206.28.196.146) by smtp-
gw01.ny.us.ibm.net via smap (V1.3mjr)

id smaFlACrx; Thu Jul 18 14:21:04 1996

Date: Thu, 18 Jul 96 10:20:37 EDT

From: wa4dsy@wa4dsy.radio.org (Dale Heatherington)

Reply-To: wa4dsy@wa4dsy.radio.org (Dale Heatherington)

To: aprssig@tapr.org

X-Mailer: Dale Heatherington's PMMail v1.1

Subject: Re: [APRSSIG:3131] Re: WinAprs still won't run with OS/2

On Thu, 18 Jul 1996 07:48:43 -0500 (CDT) you wrote:

>In <740518@bbs.ames.net>, on 07/18/96 at 12:21 AM,

> aprssig@tapr.org said:

>

>Re: Running WinAPRS under Win-OS/2

>

>>Any Windows 3.x program which will not run

>>on it is seriously flawed. Pleeeese... this

>>needs to be fixed.

>

>Dale, let's be a little bit careful here. No one I know is a more devoted
>user of OS/2 than me. I run it on four different machines and have been
>using it since 2.0 and am now running Connect. However, there are MANY 32
>bit windows apps that DO NOT run under OS/2's Win-OS/2 because they
>REQUIRE version 1.3x of the 32 bit Windows subsystem. Since there isn't
>any OS/2 1.3x (latest being around 1.25), any program designed to take
>advantage of the latest capabilities of Win32s will not work under
>Win-OS/2.

>

>This is NOT a WinAPRS bug. It is part of the on-going war between uSoft
>and IBM.

I well aware of the Win32s 1.3 issue. I will concede that the bug is in Win32s
1.3 and probably not winaprs. I call it a bug because it breaks the ability
of windows programs to run under licensed copies of Windows 3.1 in the
OS/2 environment. My copy of windows 3.11 is paid for. Bill Gates got
his money! Bill has an obligation to support his users. It would be
poor business practice to intentionally write code which causes
customers software to fail. Therefore it must be a bug. I want to
know when Bill intends to fix it so we OS/2 users can once again
use Win 3.1 programs which we paid for the ability to run.

So, until Microsoft fixes Win32s 1.3, software authors should
work around the win32s bug and demand Microsoft do something
about it. Those that don't avoid Win32s 1.3 will pay the cost in

increased calls to their support lines from irate OS/2 customers and reduced product sales.

>Asking the authors to write "down" to OS/2's Windows level support, is in my mind, going way too far.

Just exactly what killer-must-have feature in WinAPRS needs Win32s 1.3 to operate? Would it have been impossible for WinAPRS to have been written 1 year ago (before Win 32s 1.3) ? I don't think so. I think it's more of an educational problem. Many programmers probably don't even know they're writing code which will not run under Win-OS/2 and thus limiting potential sales.

>
>I disagree completely with your conclusion that "Any 3.x program which will not run on it is seriously flawed." The problem is NOT the 3.x program, it is in compatibility of the Win32s 32 bit subsystem with Win-OS/2. It is more games from Mr. Bill, who, from my experience has taken every opportunity to break the interoperability between Windows and OS/2.

Again, I bought my Windows 3.11 from Mr. Bill. Why would he want to cause my applications to fail? Even the WIN-OS/2 in OS/2 "full pack" is licensed from Microsoft. When you put "requires Windows 3.1 or higher" on the box I expect it to run in Win-OS/2. If it doesn't then it's defective.

>
>Let's not blame the software authors, when it is VERY CLEAR that the problem rests in Redmond. There isn't a damn thing the authors can do about this problem except not use calls required by Win32s 1.3x...which is telling them not to advance the features of their programs because of an incompatibility with an operating system they don't even care about. >Expecting a bit much, don't you think?

What features would the Bros. Sproul have to eliminate from WinAPRS, if any? Are these worth the reduced sales? Is it not simpler to write a Windows program for WIN-OS/2 compatibility that port it to native OS/2?

[deleted]

>We can hope that the Bros. Sproul would do a port to OS/2, but I just don't know if there is enough demand to make it worth their while.

If OS/2 users keep using pre-win32s 1.3 windows apps and don't complain about the lack of native OS/2 apps or non-runnable Windows 3.1 apps they will continue to be invisible to ISVs. ISVs, seeing no viable OS/2 users will continue to falsely believe there's no market for quality OS/2 software. The latest figures

I've seen indicate there's at least 13 million OS/2 users with monthly sales of OS/2 in the 500,000 to 1,000,000 range. This exceeds NT by a factor of 10 and is closing in on Macintosh. If there's "not enough demand" for OS/2 software then the NT market must really be dead.

Oh well. I guess this is enough off topic comments for one day ;-). Sorry for eating the BW but I just had to vent.

Dale Heatherington, WA4DSY
e-mail - wa4dsy@wa4dsy.radio.org
e-mail - daheath@ibm.net (in case the first one doesn't work)
Web page - <http://www.wa4dsy.radio.org>
This message brought to you by OS/2 Warp Connect.

From kjm@flo-bin.com Thu Jul 18 10:00:44 1996
Received: from mail1.deltanet.com (mail.deltanet.com [199.171.190.55]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA03745 for <aprssig@tapr.org>; Thu, 18 Jul 1996 10:00:42 -0500 (CDT)
Received: from kjm-tjm (delta1.deltanet.com [199.171.190.3]) by mail1.deltanet.com (8.7.4/8.7.3) with SMTP id HAA22707 for <aprssig@tapr.org>; Thu, 18 Jul 1996 07:58:11 -0700 (PDT)
Message-ID: <31EE5198.1C4E@flo-bin.com>
Date: Thu, 18 Jul 1996 08:00:40 -0700
From: Ken Mirabella <kjm@flo-bin.com>
Reply-To: kjm@flo-bin.com
X-Mailer: Mozilla 3.0b5a (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3135] Re: Trimble/PacComm GPS Antenna Rep
References: <Pine.SV4.3.91.960718094326.24641C-100000@outland.dtcc.edu>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The solder type works great too. Get RG-174 BNC and drill out the hole just slightly and you will not need any special crimping tools.

73 KM6YH

Dr Samuel Guccione wrote:

>
> I would like to add my count to this discussion. I also installed a
> RG-174 crimp connector to my Trimble. It was easy for me. BTW I managed
> to break one of the little fingers off of the SMB connector that came
> with my GPS-20. I think the connector is somewhat fragile. A BNC is
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> > predecessor of the current one available from PacComm. A crimp connector for
> > RG-174 works real good.

> >

> > 73, gerry

> >

> >

From schiers@ames.net Thu Jul 18 10:59:59 1996

Received: from bbs.ames.net (ames.net [206.29.126.2]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id KAA06361 for <aprssig@tapr.org>; Thu, 18 Jul 1996
10:59:56 -0500 (CDT)

From: schiers@ames.net

Message-Id: <199607181559.KAA06361@tapr.org>

Received: from [206.29.126.237] by ames.net id 57560.wrk; Thu, 18 Jul 1996
10:58:46 -0600

Date: Thu, 18 Jul 96 10:58:51 -0500

To: aprssig@tapr.org

Subject: Re: [APRSSIG:3134] Re: WinAprs still won't run with OS

In-Reply-To: <740792@bbs.ames.net>

X-Mailer: MR/2 Internet Cruiser Edition for OS/2 v1.06

In <740792@bbs.ames.net>, on 07/18/96 at 09:53 AM,
aprssig@tapr.org said:

>So Mr. Heatherington, my program is NOT "seriously flawed" but your
>assumptions as to why it should work are.

You are absolutely 100% correct. It is NOT a WinAPRS problem. It is an
interoperability problem between Win32s versions and OS/2, period. If your
program had been written to the 1.25 win32s extensions and not the later
1.3 extensions, then it would have worked, but that makes no sense at
all...using the old version of the win32s subsystem.

73,

hasan schiers, NOAN--

schiers@ames.net

From schiers@ames.net Thu Jul 18 11:00:53 1996

Received: from bbs.ames.net (ames.net [206.29.126.2]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id LAA06462 for <aprssig@tapr.org>; Thu, 18 Jul 1996
11:00:51 -0500 (CDT)

From: schiers@ames.net

Message-Id: <199607181600.LAA06462@tapr.org>

Received: from [206.29.126.237] by ames.net id 57770.wrk; Thu, 18 Jul 1996
10:59:48 -0600

Date: Thu, 18 Jul 96 11:01:29 -0500

To: aprssig@tapr.org

Subject: Re: [APRSSIG:3137] Re: WinAprs still won't run with OS
In-Reply-To: <740834@bbs.ames.net>
X-Mailer: MR/2 Internet Cruiser Edition for OS/2 v1.06

In <740834@bbs.ames.net>, on 07/18/96 at 10:40 AM,
aprssig@tapr.org said:

>>I fully agree that we ought to get a version of APRS out that is a port t
>>a "real" operating system like OS/2 instead of a kludged up DOS operating
>>shell like Win95.

>There already is one...MacAPRS!

Point taken!

73,

hasan schiers, N0AN--

schiers@ames.net

From jratrchf@bulldog.afsc.k12.ar.us Thu Jul 18 11:31:12 1996
Received: from bulldog.afsc.k12.ar.us (root@[170.211.157.174]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id LAA07601 for <aprssig@tapr.org>; Thu, 18 Jul 1996
11:31:06 -0500 (CDT)
Received: from jratrchf.bulldog.afsc.k12.ar.us (slip1.afsc.k12.ar.us
[170.211.157.175]) by bulldog.afsc.k12.ar.us (8.6.11/8.6.9) with SMTP id LAA32634
for <aprssig@tapr.org>; Thu, 18 Jul 1996 11:30:51 -0500
Message-Id: <199607181630.LAA32634@bulldog.afsc.k12.ar.us>
From: "J. Scott Ratchford, KC5JGV" <jratrchf@bulldog.afsc.k12.ar.us>
To: <aprssig@tapr.org>
Subject: Re: [APRSSIG:3114] Re: winAPRS, what I cannot do..
Date: Thu, 18 Jul 1996 11:14:03 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1085
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

> Just this hour, my DFjr came in a box. 2nd DAY AIR (which took 8 weeks)
>
> Kent

Now your in for a bit of fun! If you don't get tangled in al the wires
first! Good luck with the DFjr. I've had great success with it so far in
hunting both the fox and a "sure nuff" emergency.

--

J. Scott Ratchford - KC5JGV - Marshall, Arkansas
* North Arkansas Amateur Radio Society, Inc.

- * Marshall Volunteer Fire Dept./EMS First Responder
- * Calf Creek Lodge #426
- * E. Daniel Hardware Liars Club

From jratchf@bulldog.afsc.k12.ar.us Thu Jul 18 11:31:17 1996
Received: from bulldog.afsc.k12.ar.us (root@[170.211.157.174]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id LAA07602 for <aprssig@tapr.org>; Thu, 18 Jul 1996
11:31:10 -0500 (CDT)
Received: from jratchf.bulldog.afsc.k12.ar.us (slip1.afsc.k12.ar.us
[170.211.157.175]) by bulldog.afsc.k12.ar.us (8.6.11/8.6.9) with SMTP id LAA32636
for <aprssig@tapr.org>; Thu, 18 Jul 1996 11:30:56 -0500
Message-Id: <199607181630.LAA32636@bulldog.afsc.k12.ar.us>
From: "J. Scott Ratchford, KC5JGV" <jratchf@bulldog.afsc.k12.ar.us>
To: <aprssig@tapr.org>
Subject: Re: [APRSSIG:3133] Re: winAPRS, what I cannot do..
Date: Thu, 18 Jul 1996 11:23:45 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1085
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

> I am working hard on HSP mode, however, it will probably be the end of
> August before it is complete.
>
> I appologize for the delays, but there are only so many hours in a day.

That says it all right there! Mark is working to get the job done within
"Mr. Gates neighborhood" which has to be nearly impossible. Keep up the
good work Mrak.

--

J. Scott Ratchford - KC5JGV - Marshall, Arkansas
* North Arkansas Amateur Radio Society, Inc.
* Marshall Volunteer Fire Dept./EMS First Responder
* Calf Creek Lodge #426
* E. Daniel Hardware Liars Club

From sdimse@bridge.net Thu Jul 18 12:08:06 1996
Received: from relay1.UU.NET (relay1.UU.NET [192.48.96.5]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id MAA09371 for <aprssig@tapr.org>; Thu, 18 Jul 1996
12:08:01 -0500 (CDT)
Received: from bridge.net by relay1.UU.NET with ESMTP
(peer crosschecked as: newworld.bridge.net [204.253.4.4])
id QQayxo05961; Thu, 18 Jul 1996 13:07:42 -0400 (EDT)
Received: from (ad14-083.compuserve.com [199.174.141.83]) by bridge.net
(8.7.5/8.7.3) with SMTP id NAA28461; Thu, 18 Jul 1996 13:04:19 -0400 (EDT)
Message-Id: <199607181704.NAA28461@bridge.net>
Subject: Re: [APRSSIG:3138] Re: WinAprs still won't run with OS/2
Date: Thu, 18 Jul 96 13:07:19 -0400

x-sender: sdimse@mail.bridge.net
x-mailer: Claris Emailer 1.1
From: Steve Dimse <sdimse@bridge.net>
To: <aprssig@tapr.org>, <wa4dsy@wa4dsy.radio.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

>So, until Microsoft fixes Win32s 1.3, software authors should
>work around the win32s bug and demand Microsoft do something
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>WinAPRS, if any? Are these worth the reduced sales? Is it not
>simpler to write a Windows program for WIN-OS/2 compatibility
>that port it to native OS/2?

>
Dale...IMHO you are WAY out of line here. This isn't the Sproul Brothers
job, but a hobby. What makes you think you are entitled to set the
priorities for someone else's hobby time? There are many other features
that Keith and Mark want to work on. Maybe they'll do an OS/2 port, maybe
they won't. They certainly know you want one...but somehow at this point
I bet they are less likely to do than before you started ranting.

Personally, I wish they had never started on WinAPRS...MacAPRS would be
much further along now. I keep them aware of what I want them to work on,
bug them on the things I need, but I understand that their priorities are
different. Why is it so hard for you to understand that they don't live
to make you happy?

Given that they had never programmed Windows before, I think it is
absolutely amazing that they met their short, self imposed deadlines on
WinAPRS. They deserve nothing but praise from this sig. Where do you get
off calling their program "seriously flawed"? Get real, or get off the
sig.

From gerry@cs.tamu.edu Thu Jul 18 12:59:24 1996
Received: from cs.tamu.edu (clavin.cs.tamu.edu [128.194.130.106]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id MAA11489 for <aprssig@tapr.org>; Thu, 18 Jul 1996
12:59:22 -0500 (CDT)
Received: from solar.cs.tamu.edu (2961@solar.cs.tamu.edu [128.194.132.1]) by
cs.tamu.edu (8.6.10/8.6.4) with ESMTP id MAA29345 for <aprssig@tapr.org>; Thu, 18
Jul 1996 12:59:40 -0500
From: Gerald J Creager <gerry@cs.tamu.edu>

Received: (gerry@localhost) by solar.cs.tamu.edu (8.6.10/8.6.4) id MAA03847 for aprssig@tapr.org; Thu, 18 Jul 1996 12:57:52 -0500
Message-Id: <199607181757.MAA03847@solar.cs.tamu.edu>
Subject: Re: [APRSSIG:3134] Re: WinAprs still won't run with OS/2
To: aprssig@tapr.org
Date: Thu, 18 Jul 1996 12:57:52 -0500 (CDT)
In-Reply-To: <v03007602ae13ea7fe7b2@[165.1.27.20]> from "Mark Sproul" at Jul 18, 96 08:44:12 am
X-Mailer: ELM [version 2.4 PL25]
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

Mark Sproul sez:

>
> >Dale Heatherington wrote:
> >
> >Yes, even the latest version of WinAPRS fails with a
> >"Unexpected DOS error 23" when it loads
> >under OS/2. This is a MAJOR bug. OS/2 has
> >a fully operational Windows 3.11 system.
> ...
> >
> >Or, better yet, give up on that sorry excuse for an
> >operating system (Windows) and do an OS/2 port instead :-)
> >
> >
> I MUST object to this message.

While Dale's note is a little heated, I have to agree. OS/2 *IS* still out here and some of us *DO* use it. I seriously doubt I'll beta test Win9x for Micro\$oft anytime in the near future, and cannot justify NT at home, so I guess I'll have to use the DOS version for the time being.

> WinAPRS is NOT, repeat NOT a Windows 3.1 application. It is a Win32
> Application. This means it is a full 32 bit application and intended to
> run under Win95 OR WindowsNT. It will run under Windows 3.1 ***IF*** you
> install Win32S. Win32S is a collection of DLLs from Microsoft that allow
> 32 bit applications to run under Windows 3.1 or 3.11.

Dale's later note identifies this.

> I have done NOTHING special to make WinAPRS run under Win32S, it just
> works. The current version of Win32S is 1.3, It is my understanding that
> the current OS/2 version of Win32S is 1.2.5. I have NO IDEA of the
> difference and have seen NO documentation to 1.2.5 whatsoever at all.

>From what I can appreciate, the principle difference between v1.3 and v1.25 is to increase the size (and number) of required DLLs and to not completely document all of the changes to 1.30. The appearance is to make software incorporating v1.3 software incompatible with previous, working Win32s releases.

> On the OS/2 side:
>
> I have asked SEVERAL times, if ANYONE knows anything about OS/2
> programming AND Windows programming could talk to me about the differences
> but NOONE has been able to answer my questions, those that program OS/2
> dont know anything about Windows (3.1 OR 95) and those that know about
> Windows, dont know ANYTHING about OS/2. I need an explanation about the
> differences and what is involved in porting to OS/2. But so far, I have
> had ZERO feed back on this question.

I beg to differ. While I cannot necessarily speak to Win9x, I have offered, within limits of nondisclosure to assist by providing a platform for compiling, and debugging, the code. As well as testing it. The native code should compile cleanly. The device calls should be obvious and move cleanly to OS/2 DLLs. Further, a 32bit windows port is a possibility depending on the OS/2 compiler chosen.

> So Mr. Heatherington, my program is NOT "seriously flawed" but your
> assumptions as to why it should work are.

Or, possibly, expectations. I'd have assumed, based on earlier announcements, that a port to Windows would not have been hampered by Win32. I was somewhat dismayed to discover that it was. While the functionality of WinAPRS generally exceeds that of the DOS incarnation, I really was expecting something closer to the DOS product as a first start.

All that said: I've been very happy on the 2 occasions I've brought up WinAPRS here at work on the NT machines. I just can't plan on every machine I develop for having that, and I *WILL NOT* plan on it being Win9x.

Regards, Gerry Creager
n5jxs@tamu.edu

From gerry@cs.tamu.edu Thu Jul 18 13:17:16 1996
Received: from cs.tamu.edu (clavin.cs.tamu.edu [128.194.130.106]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id NAA12219 for <aprssig@tapr.org>; Thu, 18 Jul 1996 13:17:14 -0500 (CDT)
Received: from solar.cs.tamu.edu (2961@solar.cs.tamu.edu [128.194.132.1]) by cs.tamu.edu (8.6.10/8.6.4) with ESMTP id NAA00165 for <aprssig@tapr.org>; Thu, 18 Jul 1996 13:17:32 -0500
From: Gerald J Creager <gerry@cs.tamu.edu>
Received: (gerry@localhost) by solar.cs.tamu.edu (8.6.10/8.6.4) id NAA04104 for aprssig@tapr.org; Thu, 18 Jul 1996 13:15:42 -0500
Message-Id: <199607181815.NAA04104@solar.cs.tamu.edu>
Subject: Re: [APRSSIG:3140] Re: WinAprs still won't run with OS
To: aprssig@tapr.org
Date: Thu, 18 Jul 1996 13:15:42 -0500 (CDT)
In-Reply-To: <199607181559.KAA06361@tapr.org> from "schiers@ames.net" at Jul 18, 96 11:03:20 am
X-Mailer: ELM [version 2.4 PL25]
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII

Content-Transfer-Encoding: 7bit

schiers@ames.net sez:

>

> You are absolutely 100% correct. It is NOT a WinAPRS problem. It is an
> interoperability problem between Win32s versions and OS/2, period. If your
> program had been written to the 1.25 win32s extensions and not the later
> 1.3 extensions, then it would have worked, but that makes no sense at
> all...using the old version of the win32s subsystem.

I disagree: I've found no documentation that indicates that Win32s v1.30 has improved operability or enhancement over v1.25 save that it's different. I could have missed something.

gerry

From wa4dsy@wa4dsy.radio.org Thu Jul 18 13:54:00 1996

Received: from smtp-gw01.ny.us.ibm.net (smtp-gw01.ny.us.ibm.net [165.87.194.252])
by tapr.org (8.7.5/8.7.3/1.9) with SMTP id NAA13834 for <aprssig@tapr.org>; Thu,
18 Jul 1996 13:53:48 -0500 (CDT)

Received: (from uucp@localhost) by smtp-gw01.ny.us.ibm.net (8.6.9/8.6.9) id
SAA113639 for <aprssig@tapr.org>; Thu, 18 Jul 1996 18:53:31 GMT

Message-Id: <199607181853.SAA113639@smtp-gw01.ny.us.ibm.net>

Received: from wa4dsy-2.wa4dsy.radio.org(206.28.196.147) by smtp-
gw01.ny.us.ibm.net via smap (V1.3mjr)

id sma3RwBpo; Thu Jul 18 18:51:49 1996

Date: Thu, 18 Jul 96 14:51:15 EDT

From: wa4dsy@wa4dsy.radio.org (Dale Heatherington)

Reply-To: wa4dsy@wa4dsy.radio.org (Dale Heatherington)

To: aprssig@tapr.org

X-Mailer: Dale Heatherington's PMMail v1.1

Subject: Re: [APRSSIG:3140] Re: WinAprs still won't run with OS

On Thu, 18 Jul 1996 11:00:28 -0500 (CDT) you wrote:

>In <740792@bbs.ames.net>, on 07/18/96 at 09:53 AM,
> aprssig@tapr.org said:

>

>>So Mr. Heatherington, my program is NOT "seriously flawed" but your
>>assumptions as to why it should work are.

>

>You are absolutely 100% correct. It is NOT a WinAPRS problem. It is an
>interoperability problem between Win32s versions and OS/2, period. If your
>program had been written to the 1.25 win32s extensions and not the later
>1.3 extensions, then it would have worked, but that makes no sense at
>all...using the old version of the win32s subsystem.

>

Why, pray tell, does it make no sense at all to use the older
version of win32s to pick up, for free, 13 million additional
potential customers?

Dale Heatherington, WA4DSY
e-mail - wa4dsy@wa4dsy.radio.org
e-mail - daheath@ibm.net (in case the first one doesn't work)
Web page - <http://www.wa4dsy.radio.org>
This message brought to you by OS/2 Warp Connect.

From hwm@netcom.com Thu Jul 18 13:54:31 1996
Received: from mm.wd6dod.ampr.org (hwm@netcom12.netcom.com [192.100.81.124]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id NAA13873 for <aprssig@tapr.org>; Thu, 18 Jul 1996 13:54:23 -0500 (CDT)
Received: (from Bob Lorenzini hwm@netcom.com) by mm.wd6dod.ampr.org (8.7.5/8.6.12) id MAA01863; Thu, 18 Jul 1996 12:05:44 -0700
Date: Thu, 18 Jul 1996 12:05:43 -0700 (PDT)
From: Bob Lorenzini <hwm@netcom.com>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3141] Re: WinAprs still won't run with OS
In-Reply-To: <199607181600.LAA06462@tapr.org>
Message-ID: <Pine.LNX.3.91.960718120341.1855A-1000000@mm.wd6dod.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 18 Jul 1996 schiers@ames.net wrote:

> In <740834@bbs.ames.net>, on 07/18/96 at 10:40 AM,
> aprssig@tapr.org said:
>
> >>I fully agree that we ought to get a version of APRS out that is a port t
> >>a "real" operating system like OS/2 instead of a kludged up DOS operating
> >>shell like Win95.
>
> >There already is one...MacAPRS!
>
> Point taken!
>
> 73,
>
> hasan

Yes, but if the linux version ever arrives we will then have one that not only runs on a real operating system, but is platform independent.

Bob - wd6dod

From kc5ejk@onramp.net Thu Jul 18 14:05:58 1996
Received: from mailhost.onramp.net (mailhost.onramp.net [199.1.11.3]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id OAA14419 for <aprssig@tapr.org>; Thu, 18 Jul 1996 14:05:54 -0500 (CDT)

Received: from [199.1.11.139] (dal39.onramp.net [199.1.11.139]) by mailhost.onramp.net (8.7.3/8.6.5) with SMTP id OAA12848 for <aprssig@tapr.org>; Thu, 18 Jul 1996 14:05:44 -0500 (CDT)
Message-Id: <v02140b00ae1296452464@[199.1.11.126]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Thu, 18 Jul 1996 14:06:18 -0500
To: aprssig@tapr.org
From: kc5ejk@onramp.net (Robert Winingham)
Subject: Re: [APRSSIG:3090] Looking for APRS Info

> Is there a FAQ site that has info on how to set-up an APRS =
>station and gives some general info on it?

You might want to download the APRSSIG Mail archives at tapr.org and use a search program to find key words. There has been a lot of ground covered over the last 1.5 years.

There is a WWW doc link and a how to get stated web page BUT you are still going to need to read the DOC file for the Version of APRS you plan to use. DOS , WIN , MAC

How to use TNC's , Trackers and GPS units, WX stations and DF are covered in the DOS APRS docs that come with the program and much more in the mail archives.

73

Bob - Dallas,TX --- kc5ejk@onramp.net or kc5ejk@amsat.org ---

From sproul@ap.org Thu Jul 18 16:00:04 1996
Received: from janus.ap.org (eos.ap.org [165.1.6.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id QAA20120 for <aprssig@tapr.org>; Thu, 18 Jul 1996 16:00:02 -0500 (CDT)
Received: from [165.1.27.20] by janus.ap.org (SMI-8.6/SMI-SVR4) id QAA02168; Thu, 18 Jul 1996 16:56:07 -0400
X-Sender: sproul@165.1.6.1
Message-Id: <v03007609ae1456cc58aa@[165.1.27.20]>
In-Reply-To: <Pine.LNX.3.91.960718120341.1855A-1000000@mm.wd6dod.ampr.org>
References: <199607181600.LAA06462@tapr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Thu, 18 Jul 1996 17:05:12 -0400
To: aprssig@tapr.org
From: Mark Sproul <sproul@ap.org>
Subject: Re: xxxAPRS on linux

>
> Yes, but if the linux version ever arrives we will then have one that
>not only runs on a real operating system, but is platform independent.
>

>
>Bob - wd6dod

For those that attended Dayton, we had on display X-APRS showing map displays working. Which is basicly proof of concept. At this point, ALL that we have working is the map display. We are hoping to have full X-APRS by sometime next year (1997) We might, I repeat MIGHT, have beta by X-Mas and delivery by Dayton, this is what we would like but ARE NOT PROMISING. The translation to Windows went very well and from our initial investigation and testing, the translation to X should go very well.

Mark

Mark Sproul	Amateur Radio: KB2ICI
Software Engineer @ Assoc Press	
sproul@ap.org	Work: 609-860-7120
North Brunswick, NJ	Fax: 609-860-7129
http://msproul.rutgers.edu/	

From bmicales@facstaff.wisc.edu Thu Jul 18 16:36:47 1996
Received: from audumla.students.wisc.edu (students.wisc.edu [144.92.104.66]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id QAA21522 for <aprssig@tapr.org>; Thu, 18 Jul 1996 16:36:45 -0500 (CDT)
Received: from [144.92.79.161] by audumla.students.wisc.edu; id QAA15636; 8.6.9W/42; Thu, 18 Jul 1996 16:36:42 -0500
Message-Id: <v02110101ae146c9a0d0e@[144.92.79.161]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Thu, 18 Jul 1996 16:42:25 -0600
To: aprssig@tapr.org
From: bmicales@facstaff.wisc.edu (Bruce Micales)
Subject: My two cents

I would just like to take the time to thank Bob Bruninga and the Sproul brothers for taking the time to offer the amateur radio community such a fine package as APRS, WinAPRS and (MacAPRS ?? who did that port?).

I use APRS and more lately WinAPRS and wish I could to such a fine job as these gentlemen. My only only "complaint"...which it was all free.....:-). Only kidding, I am glad to pay for the programs. I am now waiting for the new WinAPRS that I hope comes with my registration.

Again my thanks and hats off to those that have provided such a fine product.

73

Bruce Micales ---- bmicales@facstaff.wisc.edu
Anatomy Department ---- University of Wisconsin - Madison

WA2DEU ---- Packet Radio: PBBS : WA2DEU@WD9ESU.#SCWI.EN53IE.WI.USA.NOAM
Packet Radio: My Mailbox : WA2DEU-1 on 145.03 MHz

From MANNING_P@wfum.flint.umich.edu Thu Jul 18 16:38:30 1996
Received: from willow.flint.umich.edu (willow.flint.umich.edu [141.216.1.250]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id QAA21540 for <aprssig@tapr.org>; Thu, 18
Jul 1996 16:38:28 -0500 (CDT)
Received: from WFUM.flint.umich.edu by willow.flint.umich.edu (8.6.12/2.25)
with ESMTP id RAA28726; Thu, 18 Jul 1996 17:35:26 -0400
Received: from UMF-WFUM/MAILQ by WFUM.flint.umich.edu (Mercury 1.21);
18 Jul 96 17:35:23 EDT
Received: from MAILQ by UMF-WFUM (Mercury 1.21); 18 Jul 96 17:34:33 EDT
From: "PAUL MANNING" <MANNING_P@wfum.flint.umich.edu>
To: aprssig@tapr.org
Date: Thu, 18 Jul 1996 17:34:25 EDT
Subject: Michigan Wide Digi's
X-Confirm-Reading-To: "PAUL MANNING" <MANNING_P@wfum.flint.umich.edu>
X-pmrqc: 1
Priority: normal
X-mailer: Pegasus Mail v3.22
Message-ID: <19BE44E35BF@WFUM.flint.umich.edu>

Is there any one on the list that may know of
an APRS list of Digi's for the state of Michigan??
I am In the Flint area, and see postings from South
East Michigan, (Flint, Pontiac, Detroit) but nothing
from Lansing, Grand Rapids or the rest of the state.

Thanks,

Paul

From jrbadams@interlog.com Thu Jul 18 17:02:58 1996
Received: from smtp.interlog.com (root@smtp.interlog.com [198.53.145.6]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id RAA22239 for <aprssig@tapr.org>; Thu, 18
Jul 1996 17:02:50 -0500 (CDT)
Received: from gold.interlog.com (root@gold.interlog.com [198.53.145.2]) by
smtp.interlog.com (8.7.4/8.7.4) with ESMTP id RAA00723 for <aprssig@tapr.org>;
Thu, 18 Jul 1996 17:55:33 -0400 (EDT)
Received: from [199.212.152.47] (jrbadams.interlog.com [199.212.152.47]) by
gold.interlog.com (8.6.10/8.6.10) with SMTP id SAA12966 for <aprssig@tapr.org>;
Thu, 18 Jul 1996 18:02:40 -0400
Message-Id: <199607182202.SAA12966@gold.interlog.com>
To: "aprssig@tapr.org" <aprssig@tapr.org>
Subject: Re: Garmin G45 XL
Date: Thu, 18 Jul 96 18:02:57 -0500
From: "John R.B. Adams" <jrbadams@interlog.com>

X-Mailer: E-Mail Connection v2.5.03

-- [From: John R.B. Adams * EMC.Ver #2.5.02] --

I am just about finally ready to spring for a GPS unit after 'thinking about it' for many months. I had decided on the G45, but recently saw

mention of a 'newer' model, the G45 XL (I think).

Can anyone give me info on the XL model, or direct me to a source of such info? i.e. how does it differ from the G45? etc.

Tnx in advance for any help/info offered!

73, John.

--

John R.B. Adams VE3ASX
120 Raglan Avenue - Apt. 907
Toronto, ON, Canada
M6C 2L4 (Postal Code)
(416) 653-9842
jrbadams@interlog.com

From wn.email@worldnet.att.net Thu Jul 18 17:04:30 1996
Received: from mailhost.worldnet.att.net (mailhost.worldnet.att.net [204.127.129.3]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id RAA22534 for <aprssig@tapr.org>; Thu, 18 Jul 1996 17:04:29 -0500 (CDT)
Received: by mailhost.worldnet.att.net (SMI-8.6/SMI-SVR4) id WAA05143; Thu, 18 Jul 1996 22:03:52 GMT
Date: Thu, 18 Jul 1996 22:03:52 GMT
Message-Id: <199607182203.WAA05143@mailhost.worldnet.att.net>
To: aprssig@tapr.org
From: AT&T WorldNet Customer Care<wn.email@worldnet.att.net>
Subject: Mis-delivered mail.

Yesterday AT&T WorldNet(sm) Service experienced some difficulty delivering some E-mail messages to our users. It is likely your message was misdelivered to the wrong person and did not make it to the intended recipient. If possible, you may want to resend your message. The recipient name and the time it was posted to our E-mail servers are detailed below.

To assist you in determining which message was likely misdelivered, we're providing you with the Message ID generated by your mailer below. Understand that different E-mail packages will produce different headers which means you may or may not be able to see the message ID.

Recipient Name: tarwater@worldnet.att.net
Time Posted to WorldNet: Tue Jul 16 09:09:27
Message ID: <31EB324A.60C0@flo-bin.com>

We appreciate your cooperation and apologize for any inconvenience this may

cause.

If you have questions or concerns please contact AT&T WorldNet Customer Care at wn.email@worldnet.att.net

From z004391b@bcfreenet.seflin.lib.fl.us Thu Jul 18 17:39:37 1996
Received: from bcfreenet.seflin.lib.fl.us (z004391b@bcfreenet.seflin.lib.fl.us [199.227.192.20]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id RAA24311 for <aprssig@tapr.org>; Thu, 18 Jul 1996 17:39:35 -0500 (CDT)
Received: (from z004391b@localhost) by bcfreenet.seflin.lib.fl.us (8.6.12/8.6.12) id SAA00508; Thu, 18 Jul 1996 18:38:40 -0400
Date: Thu, 18 Jul 1996 18:38:39 -0400 (EDT)
From: John W Wilson <z004391b@bcfreenet.seflin.lib.fl.us>
Subject: Re: [APRSSIG:3094] Re: <alt> S ...wide help on aprs 76f ?
To: wb4apr@amsat.org
cc: aprssig@tapr.org
In-Reply-To: <Pine.SUN.3.91.960716205720.29212F-100000@arctic>
Message-ID: <Pine.3.89.9607181833.B23648-0100000@bcfreenet.seflin.lib.fl.us>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

This is a bit heavy handed. You certainly have the right to change the program any way you like, of course, but you are dictating procedure that YOU feel is the only way the system should be run. Perhaps you ought to leave a bit of latitude for those of us who don't agree.

I will not go out and purchase TNCs for any of the sites I have control of, and neither do I think any one else should. A high site digipeater need only have a single alias. To demand that we 'upgrade' because of your thinking we have gone 'out of control' is very heavy handed.

Please reconsider your decision.

John W. Wilson, KN4HX
z004391b@bcfreenet.seflin.lib.fl.us

On Tue, 16 Jul 1996, Bob Bruninga wrote:

```
> On Tue, 16 Jul 1996, Charles W. Davidson wrote:
>
> >         Anyway I cannot seem to find a way to set my alias to wide
> > instead of relay. The old command of alt-s wide , is not in this
> > version...
>
> APRSdos REPLY COMMENT: It was just abused too much. The way to do it now
> is to use a TNC with multiple callsigns that can digipeate. The PacComm
> Pico TNC has 4 aliases and the KPC-3 can use the MYnode and MYhost calls.
> -OR- hook up a seoncd TNC to the same radio in parallel with the alias of
> WIDE.
>
> DOn't think of this as being heavy handed. It just enforces the
```

> requirement that all WIDE digipeaters must also have the dual alias of
> RELAY. The overall APRS system depends on this standard.
>
> de wb4apr@amsat.org
>

From ku0g@sprynet.com Thu Jul 18 17:45:57 1996
Received: from m1.sprynet.com (m1.sprynet.com [165.121.1.97]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id RAA24437 for <aprssig@tapr.org>; Thu, 18 Jul 1996
17:45:56 -0500 (CDT)
From: ku0g@sprynet.com
Received: from [199.174.152.116] (dd10-116.compuserve.com [199.174.152.116]) by
m1.sprynet.com (8.6.12/8.6.12) with SMTP id PAA04529 for <aprssig@tapr.org>; Thu,
18 Jul 1996 15:43:36 -0700
Date: Thu, 18 Jul 1996 15:43:36 -0700
Message-Id: <199607182243.PAA04529@m1.sprynet.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Subject: Re: [APRSSIG:3128] Re: APRS Legal Question
To: aprssig@tapr.org
In-Reply-To: <31EE1B78.5A84@co.pinellas.fl.us>
X-Mailer: SPRY Mail Version: 04.00.06.21

No, Kevin. That would mean that any ID is acceptable which is NOT the case. A
VALID identification contains the FCC-ISSUED CALLSIGN every 10 minutes.
Tactical calls are legal when used in conjunction with a PROPER ID.

Best 73,
Jim Duncan, KU0G
APRS--Kansas City Coordinator
EMail: ku0g@sprynet.com

From KD4EMI@aol.com
From: 0004818186@mcimail.com Thu Jul 18 17:53:02 1996
Received: from emout15.mail.aol.com (emout15.mx.aol.com [198.81.11.41]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id RAA24965 for <APRSSIG@tapr.org>; Thu, 18
Jul 1996 17:53:00 -0500 (CDT)
From: KD4EMI@aol.com
Received: by emout15.mail.aol.com (8.6.12/8.6.12) id SAA10826; Thu, 18 Jul 1996
18:52:03 -0400
Date: Thu, 18 Jul 1996 18:52:03 -0400
Message-ID: <960718185200_579833734@emout15.mail.aol.com>
To: APRSSIG@tapr.org
cc: 0004818186@mcimail.com, N2CZF@magg.net, WB4APR@amsat.org,
DMOBLEY@encore.com
Subject: Fwd: <alt> S ...wide help on aprs 76f ?

In a message dated 96-07-18 04:53:01 EDT, SEYMOUR...
0004818186@mcimail.com (Miami Network) and KD4EMI writes:
-

Seymour is referring to the fact that a mobile should never have relay in
his unproto...NOR SHOULD A WIDE ALSO BE A RELAY...

Ive tried to explain it to him why this is wrong ...can someone who is more prose oriented please assist... I told him that I have one string with

RELAY, WIDE and another
WIDE,WIDE

when I am mobile..he replies....

This is just silly. Look at what has happened. We now have TWO strings that mean the same thing! The trick would be to just have WIDE for the alias.

>

Apparantly RELAY means the same thing so if a mobile is transmitting RELAY,WIDE then a DIGI set to WIDE-RELAY will repeat the signal and a mobile with WIDE in the path will also get repeated?

>

>I missed something here.

KD4EMI WRITES >

Yup.. would be nice to have just one string...WIDE,WIDE
But in fringe areas you wont get into the system... So if you have RELAY , wide you can count on the local APRS house to digi you into the system. BUT SINCE the WIDES are not relays you need two strings...
Plus out of town people can use either unproto with sucess..

SEYMOUR SEZ

>Perhaps we need ALIAS like COUNTY, CITY, LOCAL, UNIT, BLOCK, AREA
>etc. etc.

EMI sez

NO NO NO !!!!! READ THE DOCS !! MAKE ALL THE WIDES THAT YOU PUT UP
WIDE/RELAY in the alias not the unproto...

SEYMOUR SEZ

>The answer is to N E V E R put RELAY in as part of your PATH
>when you are mobile.

>

EMI--

NO NO NO

Seymour, your putting up so many wides around here...get it right !!
Ive thrown my hands up in frustration....PLEASE SOMEONE HELP !

I dont know how else to explain this..

Mike

KD4EMI@AOL.COM

Forwarded message:

From: 0004818186@mcimail.com (Miami Network)

To: KD4EMI@aol.com (KD4EMI)

Date: 96-07-18 04:53:01 EDT

This is just silly. Look at what has happened. We now have TWO strings that mean the same thing! The trick would be to just have WIDE for the alias.

Apparantly RELAY means the same thing so if a mobile is transmitting RELAY,WIDE then a DIGI set to WIDE-RELAY will repeat the signal and a mobile with WIDE in the path will also get repeated?

I missed something here.

Perhaps we need ALIAS like COUNTY, CITY, LOCAL, UNIT, BLOCK, AREA etc. etc.

The answer is to N E V E R put RELAY in as part of your PATH when you are mobile.

73, Seymour

From mwalker@interlog.com Thu Jul 18 18:12:57 1996
Received: from smtp.interlog.com (root@smtp.interlog.com [198.53.145.6]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id SAA25946 for <aprssig@tapr.org>; Thu, 18 Jul 1996 18:12:55 -0500 (CDT)
Received: from gold.interlog.com (root@gold.interlog.com [198.53.145.2]) by smtp.interlog.com (8.7.4/8.7.4) with ESMTP id TAA03162 for <aprssig@tapr.org>; Thu, 18 Jul 1996 19:05:45 -0400 (EDT)
Received: from INTERLOG.COM (mwalker.interlog.com [199.212.152.131]) by gold.interlog.com (8.6.10/8.6.10) with SMTP id TAA02305 for <aprssig@tapr.org>; Thu, 18 Jul 1996 19:12:52 -0400
Message-Id: <199607182312.TAA02305@gold.interlog.com>
From: "Mike Walker" <mwalker@interlog.com>
To: "APRSSIG" <aprssig@tapr.org>
Date: Thu, 18 Jul 96 19:11:34 -0400
Reply-To: "Mike Walker" <mwalker@interlog.com>
Priority: Normal
X-Mailer: Mike Walker's Registered PMMail 1.5
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Subject: Garlink

Has anyone had any luck getting a registration number from the author of Garlink?

Please reply to me directly.

Thanks...mike

Mike Walker
127 High St. W.

mwalker@interlog.com
rf: va3mw@va3bbs

Mississauga, ON
L5H 1K4

From wn.email@worldnet.att.net Thu Jul 18 18:47:36 1996
Received: from mailhost.worldnet.att.net (mailhost.worldnet.att.net
[204.127.129.3]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id SAA27378 for
<aprssig@tapr.org>; Thu, 18 Jul 1996 18:47:34 -0500 (CDT)
Received: by mailhost.worldnet.att.net (SMI-8.6/SMI-SVR4)
id XAA16533; Thu, 18 Jul 1996 23:47:03 GMT
Date: Thu, 18 Jul 1996 23:47:03 GMT
Message-Id: <199607182347.XAA16533@mailhost.worldnet.att.net>
To: aprssig@tapr.org
From: AT&T WorldNet Customer Care<wn.email@worldnet.att.net>
Subject: Mis-delivered mail.

Yesterday AT&T WorldNet(sm) Service experienced some difficulty delivering some E-mail messages to our users. It is likely your message was misdelivered to the wrong person and did not make it to the intended recipient. If possible, you may want to resend your message. The recipient name and the time it was posted to our E-mail servers are detailed below.

To assist you in determining which message was likely misdelivered, we're providing you with the Message ID generated by your mailer below. Understand that different E-mail packages will produce different headers which means you may or may not be able to see the message ID.

Recipient Name: tarwater@worldnet.att.net
Time Posted to WorldNet: Tue Jul 16 09:09:27
Message ID: <31EB324A.60C0@flo-bin.com>

We appreciate your cooperation and apologize for any inconvenience this may cause.

If you have questions or concerns please contact AT&T WorldNet Customer Care at wn.email@worldnet.att.net

From jwdstu@westga.edu Thu Jul 18 19:02:07 1996
Received: from sun.cc.westga.edu (sun.cc.westga.edu [160.10.4.2]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id TAA28273 for <aprssig@tapr.org>; Thu, 18 Jul 1996 19:02:05 -0500 (CDT)
Received: from joe (user-168-121-70-186.dialup.mindspring.com [168.121.70.186]) by sun.cc.westga.edu (8.6.10/8.6.10) with SMTP id UAA06833 for <aprssig@tapr.org>; Thu, 18 Jul 1996 20:01:03 -0400
Message-Id: <1.5.4.32.199607190000201.00663f6c@160.10.4.2>
X-Sender: jwdstu@160.10.4.2
X-Mailer: Windows Eudora Light Version 1.5.4 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Thu, 18 Jul 1996 20:02:01 -0400
To: aprssig@tapr.org
From: Joe DeVille <jwdstu@westga.edu>
Subject: Re: [APRSSIG:3035] Re: Trimble/PacComm GPS Antenna Report

At 10:45 AM 7/15/96 -0500, you wrote:

>>I borrowed one of the Trimble/PacComm GPS antennas

>

>Could some one put me on to a source (with phone number) of an adapter

>that goes from the Trimble sma or smb (whatever it is) to BNC for my

>GPS-45 Garmin.

>

>I saw some mention of it a long time ago, but can't locate it. THANKS!

After searching for about 2 weeks, I found one from NEMAL ELECTRONICS in Miami, FL. It was about \$25.00, but there isn't a minimum order (like Pasternack's whopping \$100). Their number is 1-800-522-2253. Ask for part No. NE-9410, SMB Jack --> BNC Plug. They were really nice and got it to me here in GA in 2 days.

Hope that helps.

Joe DeVille, K5KLO Primary address: jwdstu@westga.edu
State University of Secondary address: bm160@freenet.carleton.ca
West Georgia Memberships/Affiliations: American Radio Relay League
Carrollton, GA USA Amateur Radio Emergency Service, SKYWARN, Red Cross
Disaster Services, Atlanta Olympic Band
----- HOME PAGE: <http://www.westga.edu/~jwdstu/index.html> -----

From mwalker@interlog.com Thu Jul 18 19:43:20 1996

Received: from smtp.interlog.com (root@smtp.interlog.com [198.53.145.6]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id TAA00247 for <aprssig@tapr.org>; Thu, 18 Jul 1996 19:43:18 -0500 (CDT)

Received: from gold.interlog.com (root@gold.interlog.com [198.53.145.2]) by smtp.interlog.com (8.7.4/8.7.4) with ESMTP id UAA07621 for <aprssig@tapr.org>; Thu, 18 Jul 1996 20:36:07 -0400 (EDT)

Received: from INTERLOG.COM (mwalker.interlog.com [199.212.152.131]) by gold.interlog.com (8.6.10/8.6.10) with SMTP id UAA29401 for <aprssig@tapr.org>; Thu, 18 Jul 1996 20:43:15 -0400

Message-Id: <199607190043.UAA29401@gold.interlog.com>

From: "Mike Walker" <mwalker@interlog.com>

To: "APRSSIG" <aprssig@tapr.org>

Date: Thu, 18 Jul 96 20:42:00 -0400

Reply-To: "Mike Walker" <mwalker@interlog.com>

Priority: Normal

X-Mailer: Mike Walker's Registered PMMail 1.5

MIME-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Content-Transfer-Encoding: 7bit

Subject: WX-APRS

To all (and Bob)

I just started playing with the WXaprs and nice idea on the winds aloft display.

Have you given any thought to logging some wx data? Like Max/Min temp, max windspeed and so forth?

Just a thought.

cheers...mike

Mike Walker
127 High St. W.
Mississauga, ON
L5H 1K4

mwalker@interlog.com
rf: va3mw@va3bbs

From amirault@laraby.tiac.net Thu Jul 18 19:59:07 1996
Received: from laraby.tiac.net (root@laraby.tiac.net [199.0.65.80]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id TAA00928 for <aprssig@tapr.org>; Thu, 18 Jul 1996 19:59:02 -0500 (CDT)
Received: (from amirault@localhost) by laraby.tiac.net (8.6.9/8.6.6.Beta9) id UAA07528; Thu, 18 Jul 1996 20:58:03 -0400
Date: Thu, 18 Jul 1996 20:58:03 -0400 (EDT)
From: Richard Amirault <amirault@laraby.tiac.net>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3155] Re: <alt> S ...wide help on aprs 76f ?
In-Reply-To: <Pine.3.89.9607181833.B23648-0100000@bcfreenet.seflin.lib.fl.us>
Message-ID: <Pine.BSF.3.91.960718205138.7066C-100000@laraby.tiac.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 18 Jul 1996, John W Wilson wrote:

> This is a bit heavy handed. You certainly have the right to change the
> program any way you like, of course, but you are dictating procedure that
> YOU feel is the only way the system should be run. Perhaps you ought to
> leave a bit of latitude for those of us who don't agree.
>
> I will not go out and purchase TNCs for any of the sites I have control
> of, and neither do I think any one else should. A high site digipeater
> need only have a single alias. To demand that we 'upgrade' because of
> your thinking we have gone 'out of control' is very heavy handed.
>
> Please reconsider your decision.
>
> John W. Wilson, KN4HX

=====
Sorry, I don't agree John. This is Bob's program. He knows it better
than any of us, and he certainly has every right to make such changes.
There is no reason for you (or anyone else) to purchase new TNC's. You
can run *old* versions of APRS. But I would suggest that you comply with
Bob's wishes. (if not now, then eventually)
=====

> >
> > DONT think of this as being heavy handed. It just enforces the
> > requirement that all WIDE digipeaters must also have the dual alias of
> > RELAY. The overall APRS system depends on this standard.
> >

> > de wb4apr@amsat.org

Richard Amirault
amirault@tiac.net

N1JDU
"Go Fly A Kite"

Boston, Massachusetts USA

From kjm@flo-bin.com Thu Jul 18 21:03:45 1996

Received: from mail1.deltanet.com (mail.deltanet.com [199.171.190.55]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id VAA03604 for <aprssig@tapr.org>; Thu, 18 Jul 1996 21:03:44 -0500 (CDT)

Received: from kjm-tjm (delta1.deltanet.com [199.171.190.3]) by mail1.deltanet.com (8.7.4/8.7.3) with SMTP id TAA18923 for <aprssig@tapr.org>; Thu, 18 Jul 1996 19:01:08 -0700 (PDT)

Message-ID: <31EEECF2.2D1@flo-bin.com>

Date: Thu, 18 Jul 1996 19:03:30 -0700

From: Ken Mirabella <kjm@flo-bin.com>

Reply-To: kjm@flo-bin.com

X-Mailer: Mozilla 3.0b5a (Win95; I)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: WinAPRS in August CQ VHF

References: <v03007609ae1456cc58aa@[165.1.27.20]>

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Did anyone ekse catch the article about WinAPRS and APRS in the August CQ VHF magazine. If not it is very favorable to the Sprouls, Bob Bruninga and APRS in general. The author is Don Rotolo, N2IRZ.

73 de KM6YH

From n8chb@tir.com Fri Jul 19 00:59:24 1996

Received: from tir.com (sun.tir.com [205.138.41.6]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id AAA17722 for <aprssig@tapr.org>; Fri, 19 Jul 1996 00:59:22 -0500 (CDT)

Received: from default.tir.com (an10liv.tir.com [205.218.84.12]) by tir.com (8.7.5/8.7) with SMTP id BAA29493 for <aprssig@tapr.org>; Fri, 19 Jul 1996 01:55:45 -0400 (EDT)

Message-ID: <31EF15D9.6A2A@tir.com>

Date: Fri, 19 Jul 1996 05:58:01 +0100

From: Roger Breckon <n8chb@tir.com>

Reply-To: n8chb@tir.com

X-Mailer: Mozilla 3.0b3 (Win95; I)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: get real

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Let's get real,

Very talented folks design and market hardware and software products.
How much control do they have over what we do with them?

A child might say,

You can play with my toys
but only the way I dictate you can.

de Roger n8chb@tir.com

From b.gotshall@worldnet.att.net Fri Jul 19 07:19:14 1996
Received: from mailhost.worldnet.att.net (mailhost.worldnet.att.net
[204.127.129.3]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id HAA27814 for
<aprssig@tapr.org>; Fri, 19 Jul 1996 07:19:12 -0500 (CDT)
Received: by mailhost.worldnet.att.net (SMI-8.6/SMI-SVR4)
id MAA28492; Fri, 19 Jul 1996 12:18:41 GMT
Received: from 125.orlando-2.fl.dial-access.att.net(199.70.197.125)
by mailhost.worldnet.att.net with SMTP
id A28430; Fri Jul 19 12:18:39 1996
Message-ID: <31EF210F.283E@worldnet.att.net>
Date: Thu, 18 Jul 1996 22:45:51 -0700
From: "B.G. Gotshall" <b.gotshall@worldnet.att.net>
X-Mailer: Mozilla 2.01E (Win16; I)
MIME-Version: 1.0
To: "aprssig@tapr.org" <aprssig@tapr.org>
Subject: Personal mesgs.
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Today, due to a glitch in ATT Worldnet, I had 91 SIG messages in my mailbox.

I don't really mind the volume if it has some information in it, but of the 91 messages, over half of them were personal JABS at each other.

I know there is a delete button, but you have to download them before you can delete them!!!

Come on guys, GET OFF THE REPLY button, put in an address, and spare us all the PETTY BICKERING.

Bud(WB4LTF)

BTW: Its amazing, the number of lawyers that participate in this Sig!!!

From jratchf@bulldog.afsc.k12.ar.us Fri Jul 19 07:37:58 1996
Received: from bulldog.afsc.k12.ar.us (root@[170.211.157.174]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id HAA28142 for <aprssig@tapr.org>; Fri, 19 Jul 1996 07:37:56 -0500 (CDT)
Received: from jratchf.bulldog.afsc.k12.ar.us (slip5.afsc.k12.ar.us [170.211.157.179]) by bulldog.afsc.k12.ar.us (8.6.11/8.6.9) with SMTP id HAA12139 for <aprssig@tapr.org>; Fri, 19 Jul 1996 07:37:46 -0500
Message-Id: <199607191237.HAA12139@bulldog.afsc.k12.ar.us>
From: "J. Scott Ratchford, KC5JGV" <jratchf@bulldog.afsc.k12.ar.us>
To: <aprssig@tapr.org>
Subject: Re: [APRSSIG:3163] WinAPRS in August CQ VHF

Date: Fri, 19 Jul 1996 07:11:47 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1085
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

> Did anyone ekse catch the article about WinAPRS and APRS in the August
> CQ VHF magazine. If not it is very favorable to the Sprouls, Bob
> Bruninga and APRS in general. The author is Don Rotolo, N2IRZ.
>
> 73 de KM6YH

Yes! I believe Don, a friend of Kieth Sproul, wrote the article. Of course that article was written in April, so the information was slightly outdated. That just the way it is.

For general information to some one who is not a "seasoned" user of APRS, I think the article was just about right. Wad ya Tink?

--

J. Scott Ratchford - KC5JGV - Marshall, Arkansas
* North Arkansas Amateur Radio Society, Inc.
* Marshall Volunteer Fire Dept./EMS First Responder
* Calf Creek Lodge #426
* E. Daniel Hardware "3 Fingers" Bourbon & Liars Club

From jrchf@bulldog.afsc.k12.ar.us Fri Jul 19 07:38:01 1996
Received: from bulldog.afsc.k12.ar.us (root@[170.211.157.174]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id HAA28159 for <aprssig@tapr.org>; Fri, 19 Jul 1996 07:37:58 -0500 (CDT)
Received: from jrchf.bulldog.afsc.k12.ar.us (slip5.afsc.k12.ar.us [170.211.157.179]) by bulldog.afsc.k12.ar.us (8.6.11/8.6.9) with SMTP id HAA12142 for <aprssig@tapr.org>; Fri, 19 Jul 1996 07:37:48 -0500
Message-Id: <199607191237.HAA12142@bulldog.afsc.k12.ar.us>
From: "J. Scott Ratchford, KC5JGV" <jrchf@bulldog.afsc.k12.ar.us>
To: "aprssig taprorg" <aprssig@tapr.org>
Subject: Yet another ARPS usage
Date: Fri, 19 Jul 1996 07:36:49 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1085
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

In an effort to educate the uneducated and to demonstrate the many uses of APRS and our hobby, I took a group out last night to "hunt down" cable TV leaks. We used three "tools". A 2 meter radio, a portable TV, and APRS/DFjr/GPS. I had previously found three leaks in the system, so it was not very difficult showing the folks, one of which was the cable maintenance manager. We started out using just the 2 meter and the TV. After which, came the big suprise. The DFjr setup showed leaks all over

the place! There were a few jaws hitting the ground, including mine, when we looked at the screen. I set the threshold a bit higher on the DFjr and away we went to identify and locate. 2 1/2 hours later, we had found 11 new leaks in the system!

There were at least two very suprised people last night. The maintenance guy and myself. Not to mention the three others in the van. All in all, I think it was time well spent. In that I was able to demonstrate our hobby and get a few more people interested. I learned 2 things last night, 1. The cable company had no idea that this many leaks were out there, and 2. This stuff really does work!

--

J. Scott Ratchford - KC5JGV - Marshall, Arkansas
* North Arkansas Amateur Radio Society, Inc.
* Marshall Volunteer Fire Dept./EMS First Responder
* Calf Creek Lodge #426
* E. Daniel Hardware "3 Fingers" Bourbon & Liars Club

From schiers@ames.net Fri Jul 19 08:52:50 1996
Received: from bbs.ames.net (ames.net [206.29.126.2]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id IAA01178 for <aprssig@tapr.org>; Fri, 19 Jul 1996
08:52:49 -0500 (CDT)
From: schiers@ames.net
Message-Id: <199607191352.IAA01178@tapr.org>
Received: from [206.29.126.237] by ames.net id 46700.wrk; Fri, 19 Jul 1996
08:51:36 -0600
Date: Fri, 19 Jul 96 08:36:26 -0500
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3147] Re: WinAprs still won't run with OS
In-Reply-To: <741097@bbs.ames.net>
X-Mailer: MR/2 Internet Cruiser Edition for OS/2 v1.06

>>>So Mr. Heatherington, my program is NOT "seriously flawed" but your
>>>assumptions as to why it should work are.

>>

>>You are absolutely 100% correct. It is NOT a WinAPRS problem. It is an
>>interoperability problem between Win32s versions and OS/2, period. If you
>>program had been written to the 1.25 win32s extensions and not the later
>>1.3 extensions, then it would have worked, but that makes no sense at
>>all...using the old version of the win32s subsystem.
>>

>Why, pray tell, does it make no sense at all to use the older version of
>win32s to pick up, for free, 13 million additional potential customers?

^^^^^^^^

Because like most of the hype surrounding any operating system release,
the 13 million additional potential customers is pure hyperbole. Get real.
APRS is the discussion, not the entire software universe. Now, by the time
you go down the market tree:

1. OS/2 Users

2. Who are hams
3. Who are interested in digital
4. Who are interested in APRS digital
5. Who are actually going to run OS/2-APRS, given the existence of a dos and Win3.1x/Win32s and Win95 and Win-NT platform, not to mention MacAPRS

If there are 150 "real" potential customers for this product, I would be very surprised. So, I stand by my original assertion that "it makes no sense to write to an 'old' set of extensions for a VERY limited number of potential customers."

In the end, it doesn't matter what any of us think. The "market" will determine what really happens. If there really is a terrific demand for an OS/2 version it will happen. Funny thing...there are very few OS/2 versions of any ham software, PHS (multi-mode data controller software being one of them...and it hasn't been updated in years), and PMNOS (tcp/ip for packet...also hasn't been updated forever and development is dead)....what does that tell us?

Until such time as the market shakes out, the best bet for hams is an OS that runs its own stuff really well, runs dos apps very well, and manages to somehow run Windows software as well as it can, given what it is.

Sure sounds like OS/2 to me!

What we can hope for is that either uSoft or IBM get their act together to provide the highest order of interoperability between systems....but I wouldn't hold my breath where Mr. Bill is concerned...just ask the Department of Justice regarding "predatory business practices"....they have a rather extensive file on the Rascals from Redmond.

I have to stop contributing to this thread on the APRS sig...it seems quite a bit off topic unless we think we are somehow convincing Bob to write an OS/2 version <VBG>. 73,

hasan schiers, NOAN--

schiers@ames.net

From schiers@ames.net Fri Jul 19 08:54:48 1996
Received: from bbs.ames.net (ames.net [206.29.126.2]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id IAA01258 for <aprssig@tapr.org>; Fri, 19 Jul 1996 08:54:44 -0500 (CDT)
From: schiers@ames.net
Message-Id: <199607191354.IAA01258@tapr.org>
Received: from [206.29.126.237] by ames.net id 46b10.wrk; Fri, 19 Jul 1996 08:53:34 -0600
Date: Fri, 19 Jul 96 08:54:27 -0500

To: aprssig@tapr.org
Subject: Re: [APRSSIG:3148] Re: WinAprs still won't run with OS
In-Reply-To: <741093@bbs.ames.net>
X-Mailer: MR/2 Internet Cruiser Edition for OS/2 v1.06

In <741093@bbs.ames.net>, on 07/18/96 at 03:39 PM,
aprssig@tapr.org said:

>On Thu, 18 Jul 1996 schiers@ames.net wrote:

>> In <740834@bbs.ames.net>, on 07/18/96 at 10:40 AM,
>> aprssig@tapr.org said:
>>
>> >>I fully agree that we ought to get a version of APRS out that is a por
>> >>a "real" operating system like OS/2 instead of a kludged up DOS operat
>> >>shell like Win95.
>>
>> >There already is one...MacAPRS!
>>
>> Point taken!
>>
>> 73,
>>
>> hasan

> Yes, but if the linux version ever arrives we will then have one that
>not only runs on a real operating system, but is platform independent.

>Bob - wd6dod

And if that ever does happen (linux), Win95 will be off my HD as fast as a
format can accomplish it. But, it's gonna be a while. 73,

hasan schiers, NOAN--

schiers@ames.net

From schiers@ames.net Fri Jul 19 08:59:48 1996
Received: from bbs.ames.net (ames.net [206.29.126.2]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id IAA01361 for <aprssig@tapr.org>; Fri, 19 Jul 1996
08:59:46 -0500 (CDT)
From: schiers@ames.net
Message-Id: <199607191359.IAA01361@tapr.org>
Received: from [206.29.126.237] by ames.net id 47510.wrk; Fri, 19 Jul 1996
08:58:34 -0600
Date: Fri, 19 Jul 96 08:56:18 -0500
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3146] Re: WinAprs still won't run with OS
In-Reply-To: <741078@bbs.ames.net>

X-Mailer: MR/2 Internet Cruiser Edition for OS/2 v1.06

In <741078@bbs.ames.net>, on 07/18/96 at 03:12 PM,
aprssig@tapr.org said:

>schiers@ames.net sez:

>>

>> You are absolutely 100% correct. It is NOT a WinAPRS problem. It is an
>> interoperability problem between Win32s versions and OS/2, period. If yo
>> program had been written to the 1.25 win32s extensions and not the late
>> 1.3 extensions, then it would have worked, but that makes no sense at
>> all...using the old version of the win32s subsystem.

>I disagree: I've found no documentation that indicates that Win32s v1.30
>has improved operability or enhancement over v1.25 save that it's
>different. I could have missed something.

>gerry

You aren't disagreeing that the problem isn't WinAPRS, you are saying the
improvements in Win32s 1.30 aren't worth much. Hell, Windows itself isn't
worth much...but it is all we have (for the Intel platform and
multi-tasking APRS). My bet is that using older versions of Win32s is just
setting the developer up for later problems with Mr. Bill and his penchant
for breaking things that don't adhere to the latest alleged standard. 73,

hasan schiers, NOAN--

schiers@ames.net

From wa8inz@cris.com Fri Jul 19 09:08:56 1996

Received: from franklin.cris.com (franklin.cris.com [199.3.12.31]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id JAA01833 for <aprssig@tapr.org>; Fri, 19 Jul 1996
09:08:55 -0500 (CDT)

Received: from darius.cris.com (darius [199.3.12.32])
by franklin.cris.com (8.7.5/(96/06/11 2.45))
id KAA21914; Fri, 19 Jul 1996 10:07:27 -0400 (EDT)
[1-800-745-2747 The Concentric Network]

Errors-To: wa8inz@cris.com

Received: from LOCALNAME (cnc804101.concentric.net [206.173.119.101])
by darius.cris.com (8.7.5)
id KAA14405; Fri, 19 Jul 1996 10:06:08 -0400 (EDT)

Message-ID: <31EFB26D.4269@concentric.net>

Date: Fri, 19 Jul 1996 09:06:05 -0700

From: William Nolle <wa8inz@cris.com>

Organization: None

X-Mailer: Mozilla 2.01 (Win16; U)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: Re: [APRSSIG:3167] Yet another ARPS usage

References: <199607191237.HAA12142@bulldog.afsc.k12.ar.us>

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

J. Scott Ratchford, KC5JGV wrote:

>
> There were at least two very suprised people last night. The maintenance
> guy and myself. Not to mention the three others in the van. All in all, I
> think it was time well spent. In that I was able to demonstrate our hobby
> and get a few more people interested. I learned 2 things last night, 1.
> The cable company had no idea that this many leaks were out there, and 2.
> This stuff really does work!
>
> --
> J. Scott Ratchford - KC5JGV - Marshall, Arkansas

Great story Scott, played with my DFjr a little, but having problems with my
laptop needing 14.4vdc, so i have to play with that problem first. Keep the
stories on the DFjr coming.

--
wa8inz@cris.com
wa8inz@amsat.org

From sproul@ap.org Fri Jul 19 10:37:41 1996
Received: from janus.ap.org (eos.ap.org [165.1.6.1]) by tapr.org (8.7.5/8.7.3/1.9)
with SMTP id KAA05318 for <aprssig@tapr.org>; Fri, 19 Jul 1996 10:37:39 -0500
(CDT)
Received: from [165.1.27.20] by janus.ap.org (SMI-8.6/SMI-SVR4)
id LAA10853; Fri, 19 Jul 1996 11:33:43 -0400
X-Sender: sproul@165.1.6.1
Message-Id: <v03007600ae1556247c88@[165.1.27.20]>
In-Reply-To: <v02110101ae146c9a0d0e@[144.92.79.161]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Fri, 19 Jul 1996 11:13:11 -0400
To: aprssig@tapr.org
From: Mark Sproul <sproul@ap.org>
Subject: Re: [APRSSIG:3151] My two cents
Cc: bmicales@facstaff.wisc.edu

>I would just like to take the time to thank Bob Bruninga and the Sproul
>brothers for taking the time to offer the amateur radio community such a
>fine package as APRS, WinAPRS and (MacAPRS ?? who did that port?).
>

APRS is of course written by Bob Bruninga

MacAPRS was written by Keith Sproul (WU2Z) and Mark Sproul (KB2ICI),
released in early 1994

Mark Sproul ported MacAPRS to Windows.

Mark

ps. Bruce, thanks for your nice comments of support.

Mark Sproul	Amateur Radio: KB2ICI
Software Engineer @ Assoc Press	
sproul@ap.org	Work: 609-860-7120
North Brunswick, NJ	Fax: 609-860-7129
http://msproul.rutgers.edu/	

From sarnold@access-net.com Fri Jul 19 10:47:00 1996
Received: from access-net.com (root@access-net.com [206.240.156.2]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id KAA05473 for <aprssig@tapr.org>; Fri, 19 Jul 1996 10:46:56 -0500 (CDT)
Received: from sarnold.access/net.com (dialppp.access-net.com [206.240.156.106]) by access-net.com (8.6.12/8.6.9) with SMTP id JAA01893 for <aprssig@tapr.org>; Fri, 19 Jul 1996 09:44:41 -0500
Message-ID: <31EF6820.6C07@access-net.com>
Date: Fri, 19 Jul 1996 10:49:04 +0000
From: Scott Arnold <sarnold@access-net.com>
X-Mailer: Mozilla 3.0b3 (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3127] Helicopter GPS
References: <2.2.32.19960718040806.007001a0@mindspring.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

rwf wrote:

>
> I remember some discussions of helicopter mounted GPS receivers awhile back.
> Did anyone ever get any experience with it?
>
> I'm wondering about attaching Garmin GPS 35s (the one that looks like a
> computer mouse) to the skid, and the effects of the whirling blades above.
>
> Please let me know quickly if you have first hand experience with whether
> this worked or not.
>
> Thanks,
>
> Ralph Fowler, N4NEQ S.E.R.A. ATV Technical
> Advisor
> rwf@mindspring.com
> Atlanta, GA USA
> Web: http://www.mindspring.com/~rwf for APRS, ATV, Balloon, and
> Ham info
> My hobby is tracking Vehicles and other things using Ham Radio and APRS. Ask
> me how!

Yes, I put a GPS receiver in a helicopter and we put it inside under the front window on top of the dash. Had no problems with the blades, it was a six channel, and had all six birds in view except when the helicopter was in a tight turn. hope this helps.

Scott Arnold

From bmicales@facstaff.wisc.edu Fri Jul 19 10:56:32 1996
Received: from audumla.students.wisc.edu (students.wisc.edu [144.92.104.66]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id KAA05992 for <aprssig@tapr.org>; Fri, 19 Jul 1996 10:56:28 -0500 (CDT)
Received: from [144.92.79.161] by audumla.students.wisc.edu; id KAA45110; 8.6.9W/42; Fri, 19 Jul 1996 10:56:19 -0500
Message-Id: <v02110102ae156d5ee04c@[144.92.79.161]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Fri, 19 Jul 1996 11:02:03 -0600
To: aprssig@tapr.org
From: bmicales@facstaff.wisc.edu (Bruce Micales)
Subject: Re: [APRSSIG:3151] My two cents
Cc: sproul@ap.org

>>I would just like to take the time to thank Bob Bruninga and the Sproul
>>brothers for taking the time to offer the amateur radio community such a
>>fine package as APRS, WinAPRS and (MacAPRS ?? who did that port?).

>>

>

>

>APRS is of course written by Bob Bruninga

>

>MacAPRS was written by Keith Sproul (WU2Z) and Mark Sproul (KB2ICI),
>released in early 1994

>Mark Sproul ported MacAPRS to Windows.

Thank you Mark for the correction and the information.>

>ps. Bruce, thanks for your nice comments of support.

My pleasure and I meant every word! Well, except for the incorrect parts :-).

Bruce Micales ---- bmicales@facstaff.wisc.edu
Anatomy Department ---- University of Wisconsin - Madison
WA2DEU ---- Packet Radio: PBBS : WA2DEU@WD9ESU.#SCWI.EN53IE.WI.USA.NOAM
Packet Radio: My Mailbox : WA2DEU-1 on 145.03 MHz

From CHEAD@exame2.dseg.ti.com Fri Jul 19 12:56:57 1996
Received: from gate.ti.com (news.ti.com [192.94.94.33]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id MAA11571 for <aprssig@tapr.org>; Fri, 19 Jul 1996 12:56:55 -0500 (CDT)
Received: from lesol1.dseg.ti.com ([157.170.147.17]) by gate.ti.com (8.6.13) with

ESMTP id MAA07771 for <aprssig@tapr.org>; Fri, 19 Jul 1996 12:56:15 -0500
Received: from exam2.dseg.ti.com (EXAME2.dseg.ti.com [128.247.183.127]) by
lesol1.dseg.ti.com (8.6.9/8.6.6) with SMTP id MAA18432 for <aprssig@tapr.org>;
Fri, 19 Jul 1996 12:55:45 -0500
Date: Fri, 19 Jul 1996 12:54:55 -0500 (CDT)
From: Claude 995-5040 pager 4541 <CHEAD@exam2.dseg.ti.com>
To: aprssig@tapr.org
CC: CHEAD@exam2.dseg.ti.com
Message-Id: <960719125455.2081f704@exam2.dseg.ti.com>
Subject: RE: [APRSSIG:3167] Yet another ARPS usage

On Friday, 19-July-1996, Scott Ratchford, KC5JGV, presented a most
interesting discussion of using APRS, GPS, DFjr, etc., to find cable
"leaks".

MOST interesting, Scott. How about some more details of your setup and
operating techniques? In particular, how does the DFjr work with the
multiple cable leaks? Looks like it might get confused, since all these
signals are identical, just coming from different places. Wouldn't that just
look like a severe case of multipath? Also, what kind of receiver were you
using for the DFjr, and what frequency did you listen to?

Thanks! 73 Claude Head
K5DTN
chead@exam2.dseg.ti.com

From davidmc@goodnet.com Fri Jul 19 14:13:37 1996
Received: from goodguy.goodnet.com (root@[207.98.129.1]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id OAA13877 for <aprssig@tapr.org>; Fri, 19 Jul 1996
14:13:28 -0500 (CDT)
Received: from 206.43.126.100 (phx-ts3-3.goodnet.com [206.43.126.100]) by
goodguy.goodnet.com (8.7.5/8.7.1) with SMTP id MAA22054 for <aprssig@tapr.org>;
Fri, 19 Jul 1996 12:11:55 -0700 (MST)
Message-ID: <31EFDE2A.24DC@goodnet.com>
Date: Fri, 19 Jul 1996 12:12:42 -0700
From: David & Roxanne McCarthy <davidmc@goodnet.com>
X-Mailer: Mozilla 2.01 (Macintosh; I; PPC)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Help with dosAPRS
References: <Pine.SUN.3.91.960711123328.17194A-100000@arctic>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Anybody live in the Phoenix area that could give me hand getting APRS
to work on a laptop. I have a Zenith Supersport 286 that I am trying
to get working with a KPC-3 TNC. When I start APRS76F, it goes
through the start-up questions, but when draws the map, it comes back
with a error 68 and stops.

Any help will be appreciated.

David, KC7AYX

davidmc@goodnet.com

From den_j@msn.com Fri Jul 19 22:42:23 1996

Received: from upsmot01.msn.com (upsmot01.msn.com [204.95.110.78]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id WAA29675 for <aprssig@tapr.org>; Fri, 19 Jul 1996 22:42:19 -0500 (CDT)

Received: from upmajb06 ([204.95.110.89]) by upsmot01.msn.com (8.6.8.1/Configuration 4) with SMTP id UAA20857 for <aprssig@tapr.org>; Fri, 19 Jul 1996 20:34:32 -0700

Date: Sat, 20 Jul 96 02:51:48 UT

From: "DENNIS JAMES" <den_j@msn.com>

Message-Id: <UPMAIL02.199607200341220782@msn.com>

To: aprssig@tapr.org

Subject: Gps Receiver

Hello its the first time on this server the name is Dennis I am very much interested in aprs and am looking to purchase a gps unit its a Magellan GPS 3000 does anyone have one and is it compatible with the aprs software.

Or if its unsuitable san anyone suggest a similar unit.
thanks.

Dennis

Scone Australia

VK2DOR

K0-23,K0-25 AND U0-22

Email vk2dor@amsat.org

From den_j@msn.com Sat Jul 20 02:21:26 1996

Received: from upsmot02.msn.com (upsmot02.msn.com [204.95.110.79]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id CAA12224 for <aprssig@tapr.org>; Sat, 20 Jul 1996 02:21:24 -0500 (CDT)

Received: from upmajb06 ([204.95.110.89]) by upsmot02.msn.com (8.6.8.1/Configuration 4) with SMTP id XAA04039 for <aprssig@tapr.org>; Fri, 19 Jul 1996 23:19:57 -0700

Date: Sat, 20 Jul 96 07:06:36 UT

From: "DENNIS JAMES" <den_j@msn.com>

Message-Id: <UPMAIL02.199607200720150366@msn.com>

To: aprssig@tapr.org

Subject: Gps Receiver

Hello its the first time on this server the name is Dennis I am very much interested in aprs and am looking to purchase a gps unit its a Magellan GPS 3000 does anyone have one and is it compatible with the aprs software.

Or if its unsuitable san anyone suggest a similar unit.
thanks.

Dennis

Scone Australia

VK2DOR

K0-23,K0-25 AND U0-22

Email vk2dor@amsat.org

From HorningS@tiger.osan.af.mil Sat Jul 20 05:22:59 1996
Received: from osa-nms.osan.af.mil (osa-nms.osan.af.mil [132.61.128.60]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id FAA16519 for <aprssig@tapr.org>; Sat, 20
Jul 1996 05:22:55 -0500 (CDT)
Received: from smtpgate.osan.af.mil by osa-nms.osan.af.mil with SMTP
(1.37.109.16/16.2) id AA144648217; Sat, 20 Jul 1996 19:23:37 +0900
Received: by smtpgate.osan.af.mil with Microsoft Mail
id <31F0B387@smtpgate.osan.af.mil>; Sat, 20 Jul 96 19:23:03 JST
From: Horning S SSgt 607AIS/INXX <HorningS@tiger.osan.af.mil>
To: aprssig <aprssig@tapr.org>
Subject: APRS in Idaho?
Date: Sat, 20 Jul 96 18:26:00 JST
Message-Id: <31F0B387@smtpgate.osan.af.mil>
Encoding: 8 TEXT
X-Mailer: Microsoft Mail V3.0

Can anyone tell me if APRS is being used in Idaho? I'm particularly
interested in the Boise/Mountain Home area. If they are, what freq are they
using? Thanks for your help!

73,
Steve, N0XVZ & HL9XVT
hornings@tiger.osan.af.mil

From sadowski@cris.com Sat Jul 20 05:36:16 1996
Received: from franklin.cris.com (franklin.cris.com [199.3.12.31]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id FAA16936 for <aprssig@tapr.org>; Sat, 20 Jul 1996
05:36:14 -0500 (CDT)
Received: from darius.cris.com (darius [199.3.12.32])
by franklin.cris.com (8.7.5/(96/06/11 2.45))
id GAA19840; Sat, 20 Jul 1996 06:36:12 -0400 (EDT)
[1-800-745-2747 The Concentric Network]
Errors-To: sadowski@cris.com
Received: from LOCALNAME (cnc019042.concentric.net [206.173.35.42])
by darius.cris.com (8.7.5)
id GAA08370; Sat, 20 Jul 1996 06:36:09 -0400 (EDT)
Date: Sat, 20 Jul 1996 06:36:09 -0400 (EDT)
Message-Id: <2.2.16.19960720064055.3a0f27a4@pop3.cris.com>
X-Sender: sadowski@pop3.cris.com (Unverified)
X-Mailer: Windows Eudora Pro Version 2.2 (16)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: Paul Sadowski <sadowski@cris.com>
Subject: Re: [APRSSIG:3173] Re: Helicopter GPS

Another good place is up in the "greenhouse" - - the canopy above the pilots,
that's where I have placed mine...

ALOHA
AH6LS

At 11:08 AM 7/19/96 -0500, you wrote:

>>

>> I remember some discussions of helicopter mounted GPS receivers awhile back.

>> Did anyone ever get any experience with it?

>>

>> I'm wondering about attaching Garmin GPS 35s (the one that looks like a

>> computer mouse) to the skid, and the effects of the whirling blades above.

>>

>> Please let me know quickly if you have first hand experience with whether

>> this worked or not.

>>

>> Thanks,

>>

>> Ralph Fowler, N4NEQ

S.E.R.A. ATV Technical

From stauros@onramp.net Sat Jul 20 07:01:06 1996

Received: from mailhost.onramp.net (mailhost.onramp.net [199.1.11.3]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id HAA19458 for <aprssig@tapr.org>; Sat, 20 Jul 1996 07:01:04 -0500 (CDT)

Received: from LOCALNAME (stemmons30.onramp.net [199.1.11.194]) by mailhost.onramp.net (8.7.3/8.6.5) with SMTP id HAA28171 for <aprssig@tapr.org>; Sat, 20 Jul 1996 07:01:01 -0500 (CDT)

Date: Sat, 20 Jul 1996 07:01:01 -0500 (CDT)

Message-Id: <199607201201.HAA28171@mailhost.onramp.net>

X-Sender: stauros@onramp.net

X-Mailer: Windows Eudora Light Version 1.5.2

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

To: aprssig@tapr.org

From: "Craig A. Green" <stauros@onramp.net>

Subject: Re: [APRSSIG:3177] Gps Receiver

At 10:57 PM 7/19/96 -0500, you wrote:

>Hello its the first time on this server the name is Dennis I am very much

>interested in aprs and am looking to purchase a gps unit its a Magellan GPS

>3000 does anyone have one and is it compatible with the aprs software.

>

>Or if its unsuitable can anyone suggest a similar unit.

>thanks.

>

>Dennis

>Scone Australia

>VK2DOR

>K0-23,K0-25 AND U0-22

>Email vk2dor@amsat.org

>

>Dennis, I have used a Magellan GPS 3000 with its associated data/power module as a stand alone tracker and have been very pleased with the results.

Sat acquisition after

initializing is usually two minutes or less and the GPS 3000 tracks well

with the internal patch antenna if you set it up on the dash of your vehicle

under the windshield. I have configured my stand alone tracker with an AEA

PK12 TNC which works very well although I am sure that a KPC-3 would work as well. The NMEA-0183 data output connects directly to the PK12 with no level translations necessary. The Magellan external active antenna (30 db gain) works well although it is expensive at \$99.95 (US funds). The data/power module uses a SMB termination for the external ant.

I have written a technical document on my stand alone tracker and if you are interested I would be pleased to send you an email with a copy and diagram. The Magellan GPS 3000 has worked flawlessly and another user in our local APRS group is also pleased if you would like another opinion. Any questions, please feel free to contact me by direct email.

Craig A. Green N5WEH "When you can measure what you are speaking
stauros@onramp.net about and express it in numbers, you know
 something about it; but when you cannot
 measure it, when you cannot express it in
"Let's get out of HERE!" numbers, your knowledge is of a meager ,
Chase & spousal partner unsatisfactory kind. ---- Lord Kelvin ----

From N2ZRC@gnn.com Sat Jul 20 07:58:36 1996
Received: from mail-e2b-service.gnn.com (mail-e2b-service.gnn.com
[204.148.102.170]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id HAA21421 for
<aprssig@tapr.org>; Sat, 20 Jul 1996 07:58:35 -0500 (CDT)
Received: from 52-244.client.gnn.com. (52-244.client.gnn.com [205.188.52.244]) by
mail-e2b-service.gnn.com (8.7.1/8.6.9) with SMTP id IAA14201 for
<aprssig@tapr.org>; Sat, 20 Jul 1996 08:58:00 -0400 (EDT)
Message-Id: <199607201258.IAA14201@mail-e2b-service.gnn.com>
X-Mailer: GNNmessenger 1.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sat, 20 Jul 1996 08:57:17
From: Arte Booten <N2ZRC@gnn.com>
To: aprssig@tapr.org
Subject: Re: [APRSSID:3163] WinAPRS in August CQ VHF

On Thu, 18 Jul 1996 Ken Mirabella wrote:

>Did anyone else catch the article about WinAPRS and APRS in
>the August CQ VHF magazine...

 Sure did. If it hadn't have been for KE4DWK you would've
seen MY callsign just east of him! He's since moved back to
Fourland and I'm no longer "covered up" by him. 8-)

Arte Booten <N2ZRC@gnn.com>(preferred) or <N2ZRC@aol.com>(if necessary)
(Packet Radio: N2ZRC@KB2VLX.#BRONX.NY.USA.NA)
[Cruise Missile Coordinates: 40 52.69N / 073 54.06W]

Set coordinates 2-7-1, Chewbacca...

From sguccion@outland.dtcc.edu Sat Jul 20 10:06:34 1996
Received: from outland.dtcc.edu (sguccion@outland.dtcc.edu [138.123.12.201]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id KAA26840 for <aprssig@tapr.org>; Sat, 20 Jul 1996 10:06:33 -0500 (CDT)
Received: (from sguccion@localhost) by outland.dtcc.edu (8.6.11/8.6.11) id LAA10939; Sat, 20 Jul 1996 11:06:26 -0400
Date: Sat, 20 Jul 1996 11:06:26 -0400 (EDT)
From: Dr Samuel Guccione <sguccion@outland.dtcc.edu>
X-Sender: sguccion@outland
To: aprssig@tapr.org
Subject: Visiting OH and IL/MO
Message-ID: <Pine.SV4.3.91.960720110244.10914A-100000@outland.dtcc.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I will visiting parents in OH on the east side of Columbus. Will be looking for APRS activity while traveling their and while staying. Is 145.79 the frequency to use?

Also will be going to southern IL just across the Mississippi in IL (Godfrey). Will be looking similar activity. Same frequency question.

Any of you APRSers out there in those areas that can answer my question.

Sam K3BY in Delaware

From jrbadams@interlog.com Sat Jul 20 10:19:48 1996
Received: from smtp.interlog.com (root@smtp.interlog.com [198.53.145.6]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA27320 for <aprssig@tapr.org>; Sat, 20 Jul 1996 10:19:47 -0500 (CDT)
Received: from gold.interlog.com (root@gold.interlog.com [198.53.145.2]) by smtp.interlog.com (8.7.4/8.7.4) with ESMTP id LAA11727 for <aprssig@tapr.org>; Sat, 20 Jul 1996 11:12:35 -0400 (EDT)
Received: from [199.212.152.47] (jrbadams.interlog.com [199.212.152.47]) by gold.interlog.com (8.6.10/8.6.10) with SMTP id LAA08152 for <aprssig@tapr.org>; Sat, 20 Jul 1996 11:19:44 -0400
Message-Id: <199607201519.LAA08152@gold.interlog.com>
To: "aprssig@tapr.org" <aprssig@tapr.org>
Subject: GARMIN 45XL
Date: Sat, 20 Jul 96 11:20:05 -0500
From: "John R.B. Adams" <jrbadams@interlog.com>
X-Mailer: E-Mail Connection v2.5.03

-- [From: John R.B. Adams * EMC.Ver #2.5.02] --

My recent quest for info re the Garmin 45XL yielded the following, which I pass along in the chance that it might be of interest to someone (anyone) else!

'NEW' G45XL

.....

Called Garmin on 800 number and talked to representative. The XL will not be out until the end of the month. It is physically same as the 45. It has new fonting to make it easier to read. It has a track back feature (TracBack) to allow retracing your steps when hiking (saves working back thru waypoints). Has a dedicated compass page that looks like a round compass. It has a resettable trip odometer. It has a feature called EZINIT that gives faster initialization on initial start or when you have moved 300 miles or more. It has an INTERNAL LITHIUM BATTERY for memory backup.

.....

My sincere tnx go to Bob Radmore, N2PWP, for gleaning this info and sending it along to me!

73 de VE3ASX (John).

--

John R.B. Adams VE3ASX 120 Raglan Avenue - Apt. 907 Toronto, ON, Canada M6C 2L4 (Postal Code) (416) 653-9842 jrbadams@interlog.com

From gerry@cs.tamu.edu Sat Jul 20 10:25:54 1996

Received: from cs.tamu.edu (clavin.cs.tamu.edu [128.194.130.106]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id KAA27388 for <aprssig@tapr.org>; Sat, 20 Jul 1996 10:25:53 -0500 (CDT)

Received: from solar.cs.tamu.edu (2961@solar.cs.tamu.edu [128.194.132.1]) by cs.tamu.edu (8.6.10/8.6.4) with ESMTP id KAA15435 for <aprssig@tapr.org>; Sat, 20 Jul 1996 10:26:14 -0500

From: Gerald J Creager <gerry@cs.tamu.edu>

Received: (gerry@localhost) by solar.cs.tamu.edu (8.6.10/8.6.4) id KAA28485 for aprssig@tapr.org; Sat, 20 Jul 1996 10:24:23 -0500

Message-Id: <199607201524.KAA28485@solar.cs.tamu.edu>

Subject: Re: [APRSSIG:3177] Gps Receiver

To: aprssig@tapr.org

Date: Sat, 20 Jul 1996 10:24:23 -0500 (CDT)

In-Reply-To: <UPMAIL02.199607200341220782@msn.com> from "DENNIS JAMES" at Jul 19, 96 10:59:24 pm

X-Mailer: ELM [version 2.4 PL25]

MIME-Version: 1.0

Content-Type: text/plain; charset=US-ASCII

Content-Transfer-Encoding: 7bit

I'd strongly recommend the Garmin GPS45. Garmin has apparently introduced and update (GPS45XL) and you can get good deals on the base -45. I've a jaundiced

view of Magellans hardware these days.

73, gerry

"Cows In Space" Mapping Sciences Laboratory, TAMU
n5jxs@tamu.edu

From wmwalker@village.yvv.com Sat Jul 20 12:29:09 1996
Received: from yvv.com (village.yvv.com [207.41.8.10]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id MAA01931 for <aprssig@tapr.org>; Sat, 20 Jul 1996
12:29:07 -0500 (CDT)
Received: from warren by yvv.com (SMI-8.6/SMI-SVR4)
id NAA00584; Sat, 20 Jul 1996 13:29:00 -0400
Message-Id: <199607201729.NAA00584@yvv.com>
From: "Warren Walker" <wmwalker@village.yvv.com>
To: "aprssig@tapr.org" <aprssig@tapr.org>
Subject: RE: [APRSSIG:3183] Visiting OH and IL/MO
Date: Sat, 20 Jul 1996 13:30:30 -0400
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Yes Doc!

145.79 is growing daily. GPS, DIGI's Home stations, weather stations all
popping up daily. Ohio seems to be quite fertile for APRS. Lots of
stations on the air. I am in Mansfield, 30+ miles to the north of CMH but
I can hear that way pretty good. Looking forward to seeing your packets!

Warren Walker
N8VNL

> From: Dr Samuel Guccione
> To: aprssig@tapr.org
> Subject: [APRSSIG:3183] Visiting OH and IL/MO
> Date: Saturday, July 20, 1996 11:08 AM
>
> I will visiting parents in OH on the east side of Columbus. Will be
> looking for APRS activity while traveling their and while staying. Is
> 145.79 the frequency to use?
>
> Also will be going to southern IL just across the Mississippi in IL
> (Godfrey). Will be looking similar activity. Same frequency question.
>
> Any of you APRSers out there in those areas that can answer my question.
>
> Sam K3BY in Delaware
>
>

From kf2wm@vhf.n2njh-5.ampr.org Sat Jul 20 13:25:43 1996

Received: from vhf.n2njh-5.ampr.org (hamgate.sunyerie.edu [192.188.232.10]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id NAA03753 for <aprssig@tapr.org>; Sat, 20 Jul 1996 13:25:36 -0500 (CDT)

Received: from vhf.n2njh-5.ampr.org by vhf.n2njh-5.ampr.org (TNOS2.02p12/U) with SMTP

id AA121211 ; Sat, 20 Jul 96 14:17:26 -0400

X-BBS-Msg-Type: B

Date: Sat, 20 Jul 96 14:10:22 -0400

Message-Id: <10553@N2NJH>

Sender: kf2wm@vhf.n2njh-5.ampr.org

From: kf2wm@vhf.n2njh-5.ampr.org

To: aprs@tapr.org

Subject: Validation?

Bob Bruninga,

I sent in my order for validation & WX, quite some time ago and am still waiting for my registration numbers. I somehow have this feeling it may have been lost in the mail (as my postal mail is notorious for this).

If you have sent out my validation numbers, I have not received them yet.

Is there any way I can get them here from you?

(Am anxious to get my WX station on-line)...

Thank you... John (KF2WM@hamgate.sunyerie.edu)

73's John Evans - KF2WM

KF2WM@KE2VW.#WNY.NY.USA.NOAM BBS Network

KF2WM@vhf.n2njh-5.ampr.org AMPRNet

KF2WM@hamgate.sunyerie.edu Internet

From kb8pff@bright.net Sat Jul 20 14:58:01 1996

Received: from brutus.bright.net (root@brutus.bright.net [205.212.123.10]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id OAA06795 for <aprssig@tapr.org>; Sat, 20 Jul 1996 14:58:00 -0500 (CDT)

Received: from kb8pff.bright.net (find2-cs-2.dial.bright.net [205.212.145.148]) by brutus.bright.net (8.7.5/CICNet) with SMTP id PAA15175 for <aprssig@tapr.org>; Sat, 20 Jul 1996 15:56:46 -0400 (EDT)

Date: Sat, 20 Jul 96 15:53:53 PDT

From: John Santmire <kb8pff@bright.net>

Subject: RE: [APRSSIG:3183] Visiting OH and IL/MO

To: aprssig@tapr.org

X-Mailer: Chameleon V0.05, TCP/IP for Windows, NetManage Inc.

Message-ID: <Chameleon.960720155547.kb8pff@kb8pff.bright.net>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; CHARSET=US-ASCII

On what date are you going to be coming to Ohio?

```
*****
* Name...: John Santmire                      *
* E-Mail: kb8pff@bright.net                    *
* WWW...: http://www.bright.net/~kb8pff       *
* PBBS...: kb8pff@wb8lyf.#nwoh.usa.na        *
```

* APRS...: Lat. 4103.49N Lon. 08338.71W *

* This Mail Was Sent By Chameleon *
* On 07/20/96 At 15:53:53 C YA! *

-----Original Message-----

I will visiting parents in OH on the east side of Columbus. Will be looking for APRS activity while traveling their and while staying. Is 145.79 the frequency to use?

Also will be going to southern IL just across the Mississippi in IL (Godfrey). Will be looking similar activity. Same frequency question.

Any of you APRSers out there in those areas that can answer my question.

Sam K3BY in Delaware

-----End of Original Message-----

From largriff@swta.com Sat Jul 20 21:47:48 1996
Received: from mailhost.onramp.net (mailhost.onramp.net [199.1.11.3]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id VAA18326 for <aprssig@tapr.org>; Sat, 20 Jul 1996 21:47:47 -0500 (CDT)
Received: from larry.onramp.net (red161.onramp.net [206.104.118.161]) by mailhost.onramp.net (8.7.3/8.6.5) with SMTP id VAA04734 for <aprssig@tapr.org>; Sat, 20 Jul 1996 21:47:45 -0500 (CDT)
Received: by larry.onramp.net with Microsoft Mail id <01BB7685.1336B160@larry.onramp.net>; Sat, 20 Jul 1996 21:47:40 -0500
Message-ID: <01BB7685.1336B160@larry.onramp.net>
From: Larry Griffin <largriff@swta.com>
To: "'aprssig@tapr.org'" <aprssig@tapr.org>
Subject: RE: [APRSSIG:3184] GARMIN 45XL
Date: Sat, 20 Jul 1996 21:02:47 -0500
Encoding: 24 TEXT, 44 UUENCODE
X-MS-Attachment: WINMAIL.DAT 0 00-00-1980 00:00

Hmm, interesting... All the new operating features mentioned about the new G45XL are already on the GPS38 (except maybe the lithium battery; not sure). Is it safe to assume the G45XL will have the external antenna connection and wider voltage range of the GPS45?

Larry - AB5GE

'NEW' G45XL

.....

be

M>)\^(BH" 0:0" \$ ``````!`\$`0>0!@(``Y 0`#H`\$-@ 0`
M'@````(`@!!) & `P!````!`#``,`#`#`"P`/#@````" ?\`
M'0```#`\` ``````@2L?I+ZC\$!F=;@#=`0]4`@````!A<')S<VEG0'1A<'(N
M;W)G`%--5%`87!R<W-I9T!T87!R+F]R9P``@`", \$` ``%` ``4TU44``
M``>`,`P'0``!\$` ``!A<')S<VEG0'1A<'(N;W)G` ```,`%0P!````P#^
M#P8````>`\$P'0```,`G87!R<W-I9T!T87!R+F]R9R<``(!"S`!````
M%@````%--5% Z05!24U-)1T!405!2+D]21P`````,`#D` ``"P!`.@`\$` ``"
M`?8/`0` ``0` ``#S\$RX!"(``!@``!)4\$TN36EC<F]S;V9T(\$UA:6PN
M3F]T90`Q" \$\$@ \$`'P``%)%.B!;05!24U-)1SHS,3@T72!'05)-24X@-#58
M3`#7!P\$%@`,`#@```,`P'!P`4`!4`@`0`8`.@\$!((`#`X``#`,`!P<`%`4
M`8`%0`&`,`!`0F`0`A` ```,`#9\$0T,P,S\$V.44R0T80,3@0-#<T-#0U-3,U

M P V ' ! #D'8&6BMJAVNP\$>' ' '0' '! \ ' ' '213H@6T%04E-324<Z
M,S\$X-%T@1T%234E.(#0U6\$P` `(!<0'!'`%'@` ` '&[JBVHC' W [B:1'/
M@4=\$15-4` ` `!X` '@P!` ` `!0` ` '%--5%` ` ` '@'?# \$` ` `2` ` `;&%R
M9W)I9F9 <W=T82YC;VT` ` `#` `80Y877_@,'!Q#&` '@` ` '@` (\$ \$` ` `!E` ` `
M2\$U-+\$E.5\$5215-424Y'04Q,5\$A%3D573U!%4D%424Y'1D5!5%5215--14Y4
M24].141!0D]55%1(14Y%5T<T-5A,05)%04Q214%\$64].5\$A%1U!3,S@H15A#
M15!434%90D542` ` ` ` "0D0'0` ` `)0#` ` ` '0'P` ` D@4` `\$Q:1G4+;Z.B_P` *
M`0` "%0*H!>L"@P!0'O()@!C: K <V5T,C<&` ` ;#` 'H,R`\4` ` `!R0G\$1XG-T
M96T"@S.W` NO` \$P*#-!+,%,5]"H _",\)V0* "H\$-LOM@;F=X,3 S%` +` "A5B
M`= @X\$AM;2P@` X 3T!>@4Q/ "X!G+AOP(!2P;\$#\$('1H92!N!])%OBG \$D&\$;
MLB!F91U ;PAP!Y\$ '@ (P:0(@`8 @#P&@`& %0!R&1SOU6`Y,'L 7H![;!>@
M860.>1SP`Z <@D=04S. ." H97AC904QF0# >6(<H!R");&D<@&!I=6T@8AU
M&V%YJCL<L&`%0',=X2D<\$6Y)! "BT`0`81V@` ' !O_Q[!! C\$")D'[0#!\!Q1
M\$8#N=B)D(; ;86X`0![&U`Z;B>P(6@`#%D!YB)^G`K #\ 2!(`8&\ &0
M9\\<H!TP&5 <H&)[F(/?P#f8_"H4*A4P*P".0("WA#+!"-4=%WP*)"+ "#\$X
M, +1:2TQ-)XT#?' ,T"\#`UDQ-@J@/P-@\$] HP"R@,2<MG3,V_R^G%%\$+\C"F
M"H4TOS7/'"#@)TY%5R<?I#1?.+ZO&_\$Y[SK+*WQ#`!T!L`J`Z1PK ;ON (,(N
MD1RP(Q#/(E %P"DB`9!L:QZA)4%_%Z 34 >0'D\$=02;P`!!40QR1)E8CTB)0
M"H4>|G4>4;|<9 GP`K JI01@`C!H`!!&205 !`@<&@3L&G^8SS!(+ D`\6Q
M)7 <<Q_ _T/#\$8 \$(!S!"H4"\$AUB)4'_`, ^X"2R'; `D"F1/R,@D,M%URA0
M=!TP8VLC,4GQJQVE(9!42=%"2>\$I)3%["H4\P6\`X!>@2<(=8GG7"&\$D`!/0
M< 0@=QR0`Z#U(O!K`6(H)/ F\\$W!;;!G3E-* (QR <G4F<"(P<-IO&T%S)% *
MA4A)<PVPWF1\$@1/O`K %H&T*L 01'PJPA*\$<@!U (K!O;VO_!" BP\$?1*% #
M8\$(@4C)=&/*A3^""D !H#S@2;\$%(!SP_F0#<!' !))&4IV1)(>H4!%6DE.
M2513%&?[0 \$\$(&8E<!MA"H4+@`+0^0<Q:7H=02#1(-%;-4UQ_PK !4 %L4WC
M33\$F0 1@)0#]'K S/=)\$4fS@!" %L01@/O>@0\(*A4EC`Z!98%1%*%) .01 P

M3%F 2\$E 54T@0D%48/%9/T;Q7U\$3X 6P(+!*(G5P+S0&&@PSSA;!`&80`P`0
M\$ ````#`!\$0`0``\$ `!S#0&W[4H':[`4 `"#0&W[4H':[`1X`/0`!````
.!0``%)%B ````MH,`
,

end

From gerry@cs.tamu.edu Sat Jul 20 23:20:07 1996
Received: from cs.tamu.edu (clavin.cs.tamu.edu [128.194.130.106]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id XAA21222 for <aprssig@tapr.org>; Sat, 20 Jul 1996
23:20:05 -0500 (CDT)
Received: from solar.cs.tamu.edu (2961@solar.cs.tamu.edu [128.194.132.1]) by
cs.tamu.edu (8.6.10/8.6.4) with ESMTP id XAA22557 for <aprssig@tapr.org>; Sat, 20
Jul 1996 23:20:27 -0500
From: Gerald J Creager <gerry@cs.tamu.edu>
Received: (gerry@localhost) by solar.cs.tamu.edu (8.6.10/8.6.4) id XAA06573 for
aprssig@tapr.org; Sat, 20 Jul 1996 23:18:33 -0500
Message-Id: <199607210418.XAA06573@solar.cs.tamu.edu>
Subject: Re: [APRSSIG:3189] RE: GARMIN 45XL
To: aprssig@tapr.org
Date: Sat, 20 Jul 1996 23:18:32 -0500 (CDT)
In-Reply-To: <01BB7685.1336B160@larry.onramp.net> from "Larry Griffin" at Jul 20,
96 09:54:14 pm
X-Mailer: ELM [version 2.4 PL25]
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

Just a request. There was an attachment claiming to be "winmail.dat" to your
question on the GPS 45XL/GPS38 similarities.

Can you and Windoze 9x reach an agreement so that your messages are not MIME
encoded most of the time, and that the attachments don't appear?

I enjoy hearing from you when you're on, but I consider uninvited MIME
messages a potential security leak.

73, gerry
n5jxs@tamu.edu

From sdimse@bridge.net Sat Jul 20 23:38:25 1996
Received: from relay6.UU.NET (relay6.UU.NET [192.48.96.16]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id XAA21721 for <aprssig@tapr.org>; Sat, 20 Jul 1996
23:38:11 -0500 (CDT)
Received: from bridge.net by relay6.UU.NET with ESMTP
(peer crosschecked as: newworld.bridge.net [204.253.4.4])
id QQazgs20223; Sun, 21 Jul 1996 00:38:04 -0400 (EDT)
Received: from (ad05-122.compuserve.com [199.174.132.122]) by bridge.net
(8.7.5/8.7.3) with SMTP id AAA22894 for <aprssig@tapr.org>; Sun, 21 Jul 1996
00:35:07 -0400 (EDT)
Message-Id: <199607210435.AAA22894@bridge.net>
Subject: javAPRS Update
Date: Sun, 21 Jul 96 00:37:59 -0400
x-sender: sdimse@mail.bridge.net

x-mailer: Claris EMailer 1.1
From: Steve Dimse <sdimse@bridge.net>
To: <aprssig@tapr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

Thanks to all of you who emailed me about javAPRS. It's nice to see the level of interest in this project.

I've been busy finishing my paper for the Digital Communications Conference, so I haven't done much in the way of new features. You can read the paper at:

<<http://www.bridge.net/~sdimse/dcc.html>>

The current version fixes a few bugs, and cleans up the display code a bit for faster drawing. I also added a new method of calibrating GIF maps to make it easier to use DeLorme Street Atlas to make the maps. Check out an example of DeLorme maps at:

<<http://www.bridge.net/~sdimse/gm2.html>>

Stay tuned for further developments...

Steve K04HD

From ku0g@sprynet.com Sat Jul 20 23:55:07 1996
Received: from m1.sprynet.com (m1.sprynet.com [165.121.1.97]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id XAA23652 for <aprssig@tapr.org>; Sat, 20 Jul 1996 23:55:06 -0500 (CDT)
From: ku0g@sprynet.com
Received: from [199.174.155.25] (dd13-025.compuserve.com [199.174.155.25]) by m1.sprynet.com (8.6.12/8.6.12) with SMTP id VAA10432 for <aprssig@tapr.org>; Sat, 20 Jul 1996 21:52:46 -0700
Date: Sat, 20 Jul 1996 21:52:46 -0700
Message-Id: <199607210452.VAA10432@m1.sprynet.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Subject: Re: [APRSSIG:3189] RE: GARMIN 45XL
To: aprssig@tapr.org
In-Reply-To: <01BB7685.1336B160@larry.onramp.net>
X-Mailer: SPRY Mail Version: 04.00.06.21

>From Terry Gerdes (AB5K) at Garmin the 45XL retains all of the features of the current GPS-45 but adds the newer features found in the GPS-38. There are NO physical changes to the unit otherwise.

Best 73,
Jim Duncan, KU0G
APRS--Kansas City Coordinator
EMail: ku0g@sprynet.com

From mcinnis@austin.ibm.com Sun Jul 21 00:43:43 1996
Received: from netmail.austin.ibm.com (netmail.austin.ibm.com [129.35.208.98]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id AAA00225 for <aprssig@tapr.org>; Sun, 21 Jul 1996 00:43:41 -0500 (CDT)
Received: from babe01.austin.ibm.com (babe01.austin.ibm.com [129.35.227.156]) by netmail.austin.ibm.com (8.6.12/8.6.11) with SMTP id AAA65132 for <aprssig@tapr.org>; Sun, 21 Jul 1996 00:43:51 -0500
Received: by babe01.austin.ibm.com (AIX 4.1/UCB 5.64/4.03-client-2.6) for aprssig@tapr.org at austin.ibm.com; id AA28162; Sun, 21 Jul 1996 00:43:39 -0500
From: mcinnis@austin.ibm.com (McInnis)
Message-Id: <9607210543.AA28162@babe01.austin.ibm.com>
Subject: Garmin 40 vs 38
To: aprssig@tapr.org
Date: Sun, 21 Jul 1996 00:43:39 -0500 (CDT)
In-Reply-To: <Pine.SV4.3.91.960720110244.10914A-100000@outland.dtcc.edu> from "Dr Samuel Guccione" at Jul 20, 96 10:08:43 am
X-Mailer: ELM [version 2.4 PL25]
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

I vaguely recall someone saying there was some disadvantage to the Garmin 38 vs the 40. It seems like the 38 lacked the external antenna connector or data connector or something? Does anyone know what if any features the 40 has that are lacking on the 38?

--

Mickey McInnis - mcinnis@austin.ibm.com

--

All opinions expressed are my own opinions, not my company's opinions.

From christen@codger.physics.duq.edu Sun Jul 21 04:16:04 1996
Received: from infobahn.icubed.com (infobahn.icubed.com [199.234.114.2]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id EAA05478 for <aprssig@tapr.org>; Sun, 21 Jul 1996 04:16:03 -0500 (CDT)
Received: from wm24.icubed.com by infobahn.icubed.com; (5.65/1.1.8.2/25Jun95-1044PM) id AA22060; Sun, 21 Jul 1996 05:12:50 -0400
Sender: paul@infobahn.icubed.com
Message-Id: <31F1F4F8.99A298D@codger.physics.duq.edu>
Date: Sun, 21 Jul 1996 05:14:32 -0400
From: "Paul Christenson [N3EOP]" <christen@codger.physics.duq.edu>
Organization: Duquesne University Amateur Radio Club
X-Mailer: Mozilla 3.0b4Gold (X11; I; Linux 1.2.13 i486)
Mime-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3185] Re: Gps Receiver
References: <199607201524.KAA28485@solar.cs.tamu.edu>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gerald J Creager wrote:

>

> I'd strongly recommend the Garmin GPS45. Garmin has apparently introduced and
> update (GPS45XL) and you can get good deals on the base -45.

Anyone know of any place in the San Francisco Bay area that has a good deal on the 45?

Also, since I now have a full day to myself, does anyone have any suggestions as to the places of interest to hams? (Fry's is already on the list.)

From wa4ikq@nevets.oau.org Sun Jul 21 08:13:37 1996
Received: from osceola.cs.ucf.edu (osceola.cs.ucf.edu [132.170.108.35]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id IAA11906 for <aprssig@tapr.org>; Sun, 21 Jul 1996 08:13:35 -0500 (CDT)
Received: from alfred.UUCP by osceola.cs.ucf.edu (4.1/1.34)
id AA18911; Sun, 21 Jul 96 09:14:15 EDT
Received: by alfred.oau.org (/\\=\\ Smail3.1.28.1 #28.1)
id <m0uhyFM-00003EC@alfred.oau.org>; Sun, 21 Jul 96 09:08 EDT
Received: by nevets.oau.org (Smail3.1.29.1 #2)
id m0uhy5j-000Qk0C; Sun, 21 Jul 96 08:58 EDT
Message-Id: <m0uhy5j-000Qk0C@nevets.oau.org>
Date: Sun, 21 Jul 96 08:58 EDT
From: wa4ikq@nevets.oau.org (Geoffrey Dick)
To: aprssig@tapr.org
Subject: CW, TALKING, & SINGING APRS

One night things were getting slow on APRS so two of us in Central Florida began to explore some of the side features of APRS. We found C W mode to be quite a change and somewhat useful for increasing ones copying speed. I now use it while working on projects. It is nice to be able to monitor any new developments without having to watch the screen all the time.

Then my partner, using MacAPRS, discovered voice mode. He ran that for a couple of days. Then one evening we were experimenting with line lengths and why characters were being lost between dosAPRS, WinAPRS, and MacAPRS. I sent him a string 012345678901234567... etc. 67 characters total from dosAPRS and he received only 47 characters in WinAPRS, and 51 in MacAPRS. Then he sent me a message how funny it sounded at his end with the Apple. It pronounced the number string: ONE SEPTILLION OCTILLIAN.. etc. He later found that it was his TNC set up that was limiting the number of received characters.

Then he found his computer would do singing mode with APRS. In default mode it was singing lines in DOUBLE BARITONE. He found 19 options of singing voices. It was a barrel of laughs. If anything in the line rhymed, it would come out really funny.

Geoffrey Dick
WA4IKQ
Winter Park, FL
wa4ikq@nevets.oau.org

From ku0g@sprynet.com Sun Jul 21 09:42:21 1996

Received: from m1.sprynet.com (m1.sprynet.com [165.121.1.97]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id JAA14967 for <aprssig@tapr.org>; Sun, 21 Jul 1996 09:42:19 -0500 (CDT)
From: ku0g@sprynet.com
Received: from [199.174.138.71] (ad11-071.compuserve.com [199.174.138.71]) by m1.sprynet.com (8.6.12/8.6.12) with SMTP id HAA24245 for <aprssig@tapr.org>; Sun, 21 Jul 1996 07:39:59 -0700
Date: Sun, 21 Jul 1996 07:39:59 -0700
Message-Id: <199607211439.HAA24245@m1.sprynet.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Subject: Re: [APRSSIG:3193] Garmin 40 vs 38
To: aprssig@tapr.org
In-Reply-To: <9607210543.AA28162@babe01.austin.ibm.com>
X-Mailer: SPRY Mail Version: 04.00.06.21

It's the 40 that lacks the external antenna connection...

Best 73,
Jim Duncan, KU0G
APRS--Kansas City Coordinator
EMail: ku0g@sprynet.com

From frodgers@netcom.com Sun Jul 21 10:32:30 1996
Received: from netcom10.netcom.com (root@netcom10.netcom.com [192.100.81.120]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id KAA16470 for <aprssig@tapr.org>; Sun, 21 Jul 1996 10:32:29 -0500 (CDT)
Received: from localhost (frodgers@netcom8.netcom.com [192.100.81.117]) by netcom10.netcom.com (8.6.13/Netcom)
id IAA08258; Sun, 21 Jul 1996 08:32:25 -0700
Date: Sun, 21 Jul 1996 08:32:25 -0700
Message-Id: <199607211532.IAA08258@netcom10.netcom.com>
X-Sender: frodgers@netcom.com
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: Floyd Rodgers <frodgers@netcom.com>
Subject: GPS speed limits

Is there a list of speed/altitude limits for the GPS units commercially available. I'm looking for one that will work onboard an airliner specifically with a laptop.

PLEASE send replies to:

frodgers@netcom.com (personal) KC5QBC

frodgers@rotarydrill.com (Business)(214)495-8181

A practicing artist of multiple ended candle burning.

From n8chb@tir.com Sun Jul 21 11:24:04 1996
Received: from tir.com (sun.tir.com [205.138.41.6]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id LAA18845 for <aprssig@tapr.org>; Sun, 21 Jul 1996 11:24:02 -0500 (CDT)

Received: from n8chb.tir.com (an16liv.tir.com [205.218.84.18]) by tir.com (8.7.5/8.7) with SMTP id MAA05643 for <aprssig@tapr.org>; Sun, 21 Jul 1996 12:20:14 -0400 (EDT)

Message-ID: <31F24B35.108A@tir.com>

Date: Sun, 21 Jul 1996 16:22:29 +0100

From: Roger Breckon <n8chb@tir.com>

Reply-To: n8chb@tir.com

X-Mailer: Mozilla 3.0b5a (Win95; I)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: Re: [APRSSIG:3195] CW, TALKING, & SINGING APRS

References: <m0uhy5j-000Qk0C@nevets.oau.org>

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

cut text here----->

Then one evening we were experimenting with line lengths
> and why characters were being lost between dosAPRS, WinAPRS, and MacAPRS.
> I sent him a string 012345678901234567... etc. 67 characters total from
> dosAPRS and he received only 47 characters in WinAPRS, and 51 in MacAPRS.

cut text here----->

> It pronounced the number string: ONE SEPTILLION OCTILLIAN.. etc. He later
> found that it was his TNC set up that was limiting the number of received
> characters.

cut text here----->

////////////////////////////////////

hello Geoffrey,

Thank u fer ur report.

Could find out the type of TNC used in the test and what command code
was entered to change number of characters in the line?

Thanks,

de Roger n8chb@tir.com

From SARDUCK@aol.com Sun Jul 21 12:02:14 1996

Received: from emout12.mail.aol.com (emout12.mx.aol.com [198.81.11.38]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id MAA19754 for <aprssig@tapr.org>; Sun, 21 Jul 1996 12:02:12 -0500 (CDT)

From: SARDUCK@aol.com

Received: by emout12.mail.aol.com (8.6.12/8.6.12) id NAA01662 for aprssig@tapr.org; Sun, 21 Jul 1996 13:03:40 -0400

Date: Sun, 21 Jul 1996 13:03:40 -0400

Message-ID: <960721130338_160915288@emout12.mail.aol.com>

To: aprssig@tapr.org

Subject: Re: [APRSSIG:3156] Re: APRS Legal Question

Jim, I know your experience in this area is extensive and sound right on the mark for rules for hams. Please excuse this question for my naivette. Do I understand correctly that hams are second users of 2 meter and the government is primary? I thought I picked that up in another discussion, darned if I remember where... Then if the NWS entered a broadcast with there id, could that not be primary use?

Personally, if the information is relevant and works within the parameters of the information system APRS users have set up, I welcome it. Sure, sure, I'm not speaking as a legal point, and I'm tempting fate, here, but unlike, say, sport scores - weather has a broad base of benefit. Some time ago, several of our local group (NIAN) and folks in Iowa were talking to NWS about uplinking direct data but a stumbling block was converting the format direct from their data stream... I've lost track of this as time has been to scare to attend meeting and events :(

Dan Kasberger, N9XHP, Chicago!

btb - If you are planning to attend the ARRL convention in September, here in our northern Illinois area, it would be wonderful to know if you are interested in APRS. There is a fine network in the region and we'd like to show it off and appreciate comments from all the experienced folks that might be visiting.

In a message dated 96-07-18 19:39:36 EDT, you write:

>No, Kevin. That would mean that any ID is acceptable which is NOT the case.
>A
>VALID identification contains the FCC-ISSUED CALLSIGN every 10 minutes.
>Tactical calls are legal when used in conjunction with a PROPER ID.
>
>Best 73,
>Jim Duncan, KU0G

From ku0g@sprynet.com Sun Jul 21 12:31:49 1996
Received: from m1.sprynet.com (m1.sprynet.com [165.121.1.97]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id MAA20795 for <aprssig@tapr.org>; Sun, 21 Jul 1996 12:31:48 -0500 (CDT)
From: ku0g@sprynet.com
Received: from [199.174.138.71] (ad11-071.compuserve.com [199.174.138.71]) by m1.sprynet.com (8.6.12/8.6.12) with SMTP id KAA13779; Sun, 21 Jul 1996 10:29:27 -0700
Date: Sun, 21 Jul 1996 10:29:27 -0700
Message-Id: <199607211729.KAA13779@m1.sprynet.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Subject: Re: [APRSSIG:3197] GPS speed limits
To: aprssig@tapr.org
Cc: frodgers@netcom.com

In-Reply-To: <199607211532.IAA08258@netcom10.netcom.com>

X-Mailer: SPRY Mail Version: 04.00.06.21

Garmin non-aviation units have a 99 KNOT speed limit.

FYI: If you operate a GPS unit on board a commercial airliner you can expect to be told to turn it off or possibly have it confiscated! Operation of a GPS receiver can cause SERIOUS interference to the navigational equipment on the airliner!!! In light of the recent TWA disaster, it's a sure bet that anyone found attempting to operate radios, laptops, GPS's and so forth will certainly be questioned!

Best 73,
Jim Duncan, KU0G
APRS--Kansas City Coordinator
EMail: ku0g@sprynet.com

NOTE: This message was sent in response to Mr. Rodgers' request for information on GPS Speed Limits and is CC'd to the SIG for "Informational Purposes."

From largriff@swta.com Sun Jul 21 16:05:59 1996
Received: from mailhost.onramp.net (mailhost.onramp.net [199.1.11.3]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id QAA28217 for <aprssig@tapr.org>; Sun, 21 Jul 1996 16:05:58 -0500 (CDT)
Received: from larry.onramp.net (red161.onramp.net [206.104.118.161]) by mailhost.onramp.net (8.7.3/8.6.5) with SMTP id QAA07325 for <aprssig@tapr.org>; Sun, 21 Jul 1996 16:05:57 -0500 (CDT)
Received: by larry.onramp.net with Microsoft Mail id <01BB771E.7D5D2080@larry.onramp.net>; Sun, 21 Jul 1996 16:05:51 -0500
Message-ID: <01BB771E.7D5D2080@larry.onramp.net>
From: Larry Griffin <largriff@swta.com>
To: "'aprssig@tapr.org'" <aprssig@tapr.org>
Subject: RE: [APRSSIG:3196] Re: Garmin 40 vs 38
Date: Sun, 21 Jul 1996 16:03:39 -0500
Encoding: 5 TEXT

Both the Garmin 40 & 38 have a built-in antenna - no external connector. The 40 has essentially the same operating features as the 45. But the newer 38 has a few additional operating features which interestingly are what has been added to the newly introduced 45XL.

Larry - AB5GE

From rwf@mindspring.com Sun Jul 21 16:58:31 1996
Received: from answerman.mindspring.com (answerman.mindspring.com [204.180.128.8]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id QAA29896 for <aprssig@tapr.org>; Sun, 21 Jul 1996 16:58:30 -0500 (CDT)
Received: from borg.mindspring.com (borg.mindspring.com [204.180.128.14]) by answerman.mindspring.com (8.6.12/8.6.12) with ESMTP id RAA17853 for <aprssig@tapr.org>; Sun, 21 Jul 1996 17:58:29 -0400
Received: from rwf.mindspring.com (user-168-121-44-154.dialup.mindspring.com [168.121.44.154]) by borg.mindspring.com (8.6.12/8.6.12) with SMTP id RAA16305 for <aprssig@tapr.org>; Sun, 21 Jul 1996 17:58:25 -0400

Message-Id: <2.2.32.19960721220006.006f3f8c@mindspring.com>

X-Sender: rwf@mindspring.com

X-Mailer: Windows Eudora Pro Version 2.2 (32)

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Date: Sun, 21 Jul 1996 18:00:06 -0400

To: aprssig@tapr.org

From: rwf <rwf@mindspring.com>

Subject: Re: [APRSSIG:3200] Re: GPS speed limits

Recently, KU0G wrote:

>Garmin non-aviation units have a 99 KNOT speed limit.

The 10 Garmin Trackpack 35 units I am using do *not*, and they are non-aviation

>

>FYI: If you operate a GPS unit on board a commercial airliner you can expect to

>be told to turn it off or possibly have it confiscated! Operation of a GPS

>receiver can cause SERIOUS interference to the navigational equipment on the

>airliner!!! In light of the recent TWA disaster, it's a sure bet that anyone

>found attempting to operate radios, laptops, GPS's and so forth will certainly

>be questioned!

Just fly Delta. It is perfectly OK, and allowed in their in-flight mag rules list.

What is SERIOUS interference? I have operated airmobile with both Garmin and Motorola, and the FAA just put portable blue boxes with Gel-Cell, GPS, TNC, and Motorola radio in all the local helicopters for the Olympics. The GPS is a rockwell. I hope the SERIOUS interference doesn't cause problems with those 110 aircraft.

Ralph

From ku0g@sprynet.com Sun Jul 21 17:39:02 1996

Received: from m1.sprynet.com (m1.sprynet.com [165.121.1.97]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id RAA01623 for <aprssig@tapr.org>; Sun, 21 Jul 1996 17:39:01 -0500 (CDT)

From: ku0g@sprynet.com

Received: from [199.174.138.71] (ad11-071.compuserve.com [199.174.138.71]) by m1.sprynet.com (8.6.12/8.6.12) with SMTP id PAA25764 for <aprssig@tapr.org>; Sun, 21 Jul 1996 15:36:39 -0700

Date: Sun, 21 Jul 1996 15:36:39 -0700

Message-Id: <199607212236.PAA25764@m1.sprynet.com>

MIME-Version: 1.0

Content-Type: text/plain

Content-Transfer-Encoding: 7bit

Subject: Re: [APRSSIG:3199] Re: APRS Legal Question

To: aprssig@tapr.org

In-Reply-To: <960721130338_160915288@emout12.mail.aol.com>

X-Mailer: SPRY Mail Version: 04.00.06.21

On Sun, 21 Jul 1996, SARDUCK@aol.com wrote:

<snip>

Do I understand correctly that hams are second users of 2 meter and the government is primary?

NO, ABSOLUTELY NOT!

>I thought I picked that up in another discussion, darned if I
>remember where...

WHAT YOU PROBABLY REMEMBER WAS THE BIG FRACUS ABOUT SIX WEEKS AGO ABOUT THE
PROPOSAL TO GRAB 144 AND 440 FOR LOW-EARTH-ORBIT SATELLITE SERVICE...

Then if the NWS entered a broadcast with there id, could
>that not be primary use?

YES, BUT THIS IS NOT THE CASE ON 144-148 MHz...

>btb - If you are planning to attend the ARRL convention in September, here in
>our northern Illinois area, it would be wonderful to know if you are
>interested in APRS.

I'M ALREADY WELL AWARE OF NIAN AND HOPE TO BE ABLE TO ATTEND THE CONVENTION!
WHAT ARE THE DATES? KARLA AND I WILL BE IN CHICAGOLAND OVER LABOR DAY
WEEKEND...WATCH FOR KU0G-9 (AMTRAK MOBILE ON APRS)!!!

Best 73,
Jim Duncan, KU0G
APRS--Kansas City Coordinator
EMail: ku0g@sprynet.com

From bennerr@onlink.net Sun Jul 21 18:10:55 1996
Received: from onlink1.onlink.net (onlink1.onlink.net [204.101.46.66]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id SAA02790 for <aprssig@tapr.org>; Sun, 21 Jul 1996
18:10:51 -0500 (CDT)
Received: from tmns1_onlink1.onlink.net (tmns1_onlink1.onlink.net [204.101.91.77])
by onlink1.onlink.net (8.7.1/8.7.1) with SMTP id TAA48176 for <aprssig@tapr.org>;
Sun, 21 Jul 1996 19:04:51 -0400
Message-Id: <2.2.16.19960721230947.2297cb0e@mail.onlink.net>
X-Sender: bennerr@mail.onlink.net
X-Mailer: Windows Eudora Pro Version 2.2 (16)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sun, 21 Jul 1996 19:09:47 -0400
To: aprssig@tapr.org
From: Rudy Benner <bennerr@onlink.net>
Subject: Re: [APRSSIG:3201] Re: Garmin 40 vs 38

The 40 has a connector for an external antenna. The 38 does not.

At 16:07 21/7/96 -0500, you wrote:

>Both the Garmin 40 & 38 have a built-in antenna - no external connector.

>The 40 has essentially the same operating features as the 45.

>But the newer 38 has a few additional operating features which
interestingly are what has been added to the newly introduced 45XL.

>

>Larry - AB5GE

>

>

>

Rudy Benner, Timmins Ontario
Internet @ bennerr@onlink.net, ve3bdr@amsat.org

From BordingK@aol.com Sun Jul 21 18:16:54 1996
Received: from emout19.mail.aol.com (emout19.mx.aol.com [198.81.11.45]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id SAA02934 for <aprssig@tapr.org>; Sun, 21
Jul 1996 18:16:50 -0500 (CDT)
From: BordingK@aol.com
Received: by emout19.mail.aol.com (8.6.12/8.6.12) id TAA19168 for
aprssig@tapr.org; Sun, 21 Jul 1996 19:18:29 -0400
Date: Sun, 21 Jul 1996 19:18:29 -0400
Message-ID: <960721191827_438891376@emout19.mail.aol.com>
To: aprssig@tapr.org
Subject: The Invisible GPS Tracker

Here's the problem:

My PK-12 tracker, which I finally got on the air today, does not show up on
my WinAPRS station. I've also not seeing any other stations on my home APRS,
but up until now I've blamed that on a lack of APRS activity in the immediate
Jacksonville area and no available digis within range of my hidden antenna
(homeowners association, you know!), I'm probably doing something really
stupid, but I'm stumped! So I've turned to the kindly, and always sensitive,
members of the SIG!

Home station puts out good power and I can hear my packets all around the
east side of town. WinAPRS is set up as VHF relay, wide.

From BordingK@aol.com Sun Jul 21 18:16:57 1996
Received: from emout13.mail.aol.com (emout13.mx.aol.com [198.81.11.39]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id SAA02956 for <aprssig@tapr.org>; Sun, 21
Jul 1996 18:16:55 -0500 (CDT)
From: BordingK@aol.com
Received: by emout13.mail.aol.com (8.6.12/8.6.12) id TAA15912 for
aprssig@tapr.org; Sun, 21 Jul 1996 19:16:07 -0400
Date: Sun, 21 Jul 1996 19:16:07 -0400
Message-ID: <960721191605_438891417@emout13.mail.aol.com>
To: aprssig@tapr.org
Subject: The Invisible GPS Tracker

Here's the problem:

My PK-12 tracker, which I finally got on the air today, does not show up on my WinAPRS station. I've also not seeing any other stations on my home APRS, but up until now I've blamed that on a lack of APRS activity in the immediate Jacksonville area and no available digis within range of my hidden antenna (homeowners association, you know!), I'm probably doing something really stupid, but I'm stumped! So I've turned to the kindly, and always sensitive, members of the SIG!

Home station puts out good power and I can hear my packets all around the east side of town. WinAPRS is set up as VHF relay, wide.

The following output from the tracker was captured on home station running Windows Terminal as I drove around the 'hood.

```
KF4COH-9*>RELAY>APRS:
$GPGLL,3022.704,N,08130.312,W,222743.801,A
$GPVTG,330.4,T,334.2,M,15.3,N,28.3,K
KF4COH-9*>RELAY>APRS:
$GPGLL,3022.750,N,08130.368,W,222751.096,A
$GPVTG,317.4,T,321.1,M,14.8,N,27.4,K
KF4COH-9*>RELAY>APRS:
$GPGLL,3022.688,N,08130.461,W,222803.754,A
$GPVTG,249.7,T,253.4,M,15.6,N,28.8,K
```

I'm running a RS HTX202 HT, PK-12, Magellan GPS as the tracker.

Any assistance will be appreciated.
73s de KF4COH
Ken

```
From griffith@kvoa.com Sun Jul 21 18:36:58 1996
Received: from dakota_2 (webserver.dakotacom.net [206.137.80.3]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id SAA04030 for <aprssig@tapr.org>; Sun, 21 Jul 1996
18:36:56 -0500 (CDT)
Received: from 169.197.12.36 by dakota_2 (SMI-8.6/SMI-SVR4)
id QAA04671; Sun, 21 Jul 1996 16:37:53 -0700
Message-ID: <31F2BEDA.68EC@kvoa.com>
Date: Sun, 21 Jul 1996 16:35:54 -0700
From: Mike Griffith <griffith@kvoa.com>
Organization: KVOA Communications, Inc.
X-Mailer: Mozilla 2.02 (Macintosh; I; PPC)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3201] Re: Garmin 40 vs 38
References: <01BB771E.7D5D2080@larry.onramp.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
```

Larry Griffin wrote:

>

> Both the Garmin 40 & 38 have a built-in antenna - no external connector.

> The 40 has essentially the same operating features as the 45.

> But the newer 38 has a few additional operating features which interestingly are what has been added to the newly introduced 45XL.

>

> Larry - AB5GE

FYI - The Garmin 40 does have an external connector for the antenna. It is the Garmin specific connector on the back of the unit.

-Mike

--

=====
Michael Griffith WebMaster KVOA-TV4
griffith@kvoa.com http://www.kvoa.com Tucson, AZ
===== When The News Breaks.. We Fix It. =====

From APBIDDLE@worldnet.att.net Sun Jul 21 19:34:07 1996
Received: from mtigwc02.worldnet.att.net (mailhost.worldnet.att.net [204.127.129.4]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id TAA06496 for <aprssig@tapr.org>; Sun, 21 Jul 1996 19:34:05 -0500 (CDT)
Received: from system ([207.116.9.54]) by mtigwc02.worldnet.att.net (post.office MTA v2.0 0613) with SMTP id AAA21923 for <aprssig@tapr.org>; Mon, 22 Jul 1996 00:33:31 +0000
Message-Id: <2.2.32.19960722003331.00688f5c@postoffice.worldnet.att.net>
X-Sender: APBIDDLE@postoffice.worldnet.att.net
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Mon, 22 Jul 1996 00:33:31 +0000
To: aprssig@tapr.org
From: Alan Biddle <APBIDDLE@worldnet.att.net>
Subject: Re: [APRSSIG:3202] Re: GPS speed limits

Ralph,

There is a rather large difference in placing known equipment in the cockpit, or under the control of the cockpit, as opposed to putting completely unknown and uncontrolled equipment in the airplane/'copter. I personally have had two experiences, one in an MD-83, the other in an B-767, in which a passenger's "passive" toy produced measurable, verifiable, interference to the navigation equipment. Both qualify as modern, more or less, airplanes.

The chance of trouble is small, but the magnitude of the difficulty can be very, very large if it does occur. Smoking hole in the ground type of problems.

However, if the airline allows the use of your "whatever," go ahead. Just remember that the Ops Specs for carriers is not entirely consistent, and what may be approved on one carrier may be a \$10k fine on another.

I once made the mistake of getting involved in this issue on Compuserve, and though I had learned my lesson. Guess not.

Alan

From rhost@itexas.net Sun Jul 21 20:06:29 1996
Received: from mailhost.itexas.net (mailhost.itexas.net [207.22.198.33]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id UAA07504 for <aprssig@tapr.org>; Sun, 21 Jul 1996 20:06:27 -0500 (CDT)
Received: from rhost.itexas.net ([207.22.198.48]) by mailhost.itexas.net (post.office MTA v1.9.3 ID# 0-12497) with SMTP id AAA75 for <aprssig@tapr.org>; Sun, 21 Jul 1996 20:08:05 -0500
From: rhost@itexas.net (Roy Bost)
To: <aprssig@tapr.org>
Subject: Re: [APRSSIG:3205] The Invisible GPS Tracker
Date: Sun, 21 Jul 1996 20:06:59 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1085
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Message-ID: <19960722010804699.AAA75@rhost.itexas.net>

Try a reset of the TNC. I have the same peoblem with WinAprs and my PK-96. Sometimes re-booting the program will do the trick. The latest version of the program doesn't seem be as prone to do this.

From z004391b@bcfreenet.seflin.lib.fl.us Sun Jul 21 21:03:42 1996
Received: from bcfreenet.seflin.lib.fl.us (z004391b@bcfreenet.seflin.lib.fl.us [199.227.192.20]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id VAA09355 for <aprssig@tapr.org>; Sun, 21 Jul 1996 21:03:39 -0500 (CDT)
Received: (from z004391b@localhost) by bcfreenet.seflin.lib.fl.us (8.6.12/8.6.12) id WAA22025; Sun, 21 Jul 1996 22:02:53 -0400
Date: Sun, 21 Jul 1996 22:02:53 -0400 (EDT)
From: John W Wilson <z004391b@bcfreenet.seflin.lib.fl.us>
Subject: Re: [APRSSIG:3206] The Invisible GPS Tracker
To: aprssig@tapr.org
cc: aprssig@tapr.org
In-Reply-To: <960721191605_438891417@emout13.mail.aol.com>
Message-ID: <Pine.3.89.9607212137.A20156-01000000@bcfreenet.seflin.lib.fl.us>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

What you have is the header on a different line from the data.

Try the command 'bbsmsgs' and set it to the opposit state (on/off). This is a very poorly documented command with the PK12. It has to do with 'TAPR style messages'. KC4NMY and myself discovered this while attempting to get the Miami Hurricane Center up and running on VHF.

Don't forget to set your HEADERlin to OFF. That is the obvious change, of course.

73,

John W. Wilson, KN4HX
z004391b@bcfreenet.seflin.lib.fl.us

On Sun, 21 Jul 1996 BordingK@aol.com wrote:

> Here's the problem:
>
> My PK-12 tracker, which I finally got on the air today, does not show up on
> my WinAPRS station. I've also not seeing any other stations on my home APRS,
> but up until now I've blamed that on a lack of APRS activity in the immediate
> Jacksonville area and no available digis within range of my hidden antenna
> (homeowners association, you know!), I'm probably doing something really
> stupid, but I'm stumped! So I've turned to the kindly, and always sensitive,
> members of the SIG!
>
> Home station puts out good power and I can hear my packets all around the
> east side of town. WinAPRS is set up as VHF relay, wide.
>
> The following output from the tracker was captured on home station running
> Windows Terminal as I drove around the 'hood.
>
>
> KF4COH-9*>RELAY>APRS:
> \$GPGLL,3022.704,N,08130.312,W,222743.801,A
> \$GPVTG,330.4,T,334.2,M,15.3,N,28.3,K
> KF4COH-9*>RELAY>APRS:
> \$GPGLL,3022.750,N,08130.368,W,222751.096,A
> \$GPVTG,317.4,T,321.1,M,14.8,N,27.4,K
> KF4COH-9*>RELAY>APRS:
> \$GPGLL,3022.688,N,08130.461,W,222803.754,A
> \$GPVTG,249.7,T,253.4,M,15.6,N,28.8,K
>
> I'm running a RS HTX202 HT, PK-12, Magellan GPS as the tracker.
>
> Any assistance will be appreciated.
> 73s de KF4COH
> Ken
>

From ku0g@sprynet.com Sun Jul 21 22:15:17 1996
Received: from m1.sprynet.com (m1.sprynet.com [165.121.1.97]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id WAA11912 for <aprssig@tapr.org>; Sun, 21 Jul 1996
22:15:15 -0500 (CDT)
From: ku0g@sprynet.com
Received: from [199.174.138.71] (ad11-071.compuserve.com [199.174.138.71]) by
m1.sprynet.com (8.6.12/8.6.12) with SMTP id UAA10908 for <aprssig@tapr.org>; Sun,
21 Jul 1996 20:12:54 -0700
Date: Sun, 21 Jul 1996 20:12:54 -0700
Message-Id: <199607220312.UAA10908@m1.sprynet.com>
MIME-Version: 1.0
Content-Type: text/plain

Content-Transfer-Encoding: 7bit
Subject: Re: [APRSSIG:3202] Re: GPS speed limits
To: aprssig@tapr.org
In-Reply-To: <2.2.32.19960721220006.006f3f8c@mindspring.com>
X-Mailer: SPRY Mail Version: 04.00.06.21

Ralph, how about posting the list of what you can do on Delta flights?!?!?
Would they allow us to run air mobile APRS??? It would sure be neat!

Best 73,
Jim Duncan, KU0G
APRS--Kansas City Coordinator
EMail: ku0g@sprynet.com

From mcinnis@austin.ibm.com Sun Jul 21 22:34:52 1996
Received: from netmail1.austin.ibm.com (netmail1.austin.ibm.com [129.35.208.96])
by tapr.org (8.7.5/8.7.3/1.9) with SMTP id WAA12767 for <aprssig@tapr.org>; Sun,
21 Jul 1996 22:34:50 -0500 (CDT)
Received: from babe01.austin.ibm.com (babe01.austin.ibm.com [129.35.227.156]) by
netmail1.austin.ibm.com (8.6.12/8.6.11) with SMTP id WAA147756 for
<aprssig@tapr.org>; Sun, 21 Jul 1996 22:34:49 -0500
Received: by babe01.austin.ibm.com (AIX 4.1/UCB 5.64/4.03-client-2.6)
for aprssig@tapr.org at austin.ibm.com; id AA19718; Sun, 21 Jul 1996
22:34:48 -0500
From: mcinnis@austin.ibm.com (McInnis)
Message-Id: <9607220334.AA19718@babe01.austin.ibm.com>
Subject: Re: [APRSSIG:3196] Re: Garmin 40 vs 38
To: aprssig@tapr.org
Date: Sun, 21 Jul 1996 22:34:48 -0500 (CDT)
In-Reply-To: <199607211439.HAA24245@m1.sprynet.com> from "ku0g@sprynet.com" at Jul
21, 96 09:49:22 am
X-Mailer: ELM [version 2.4 PL25]
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

>
> It's the 40 that lacks the external antenna connection...
>
> Best 73,
> Jim Duncan, KU0G
> APRS--Kansas City Coordinator
> EMail: ku0g@sprynet.com
>
>

The GPS 40 has an external antenna connector, but it's some small
connector, not the BNC that the GPS45 has. It's on the back of the unit
and could easily be mistaken for a mounting screw, etc....

It's called a "BMX" connector or something similar.

--

Mickey McInnis - mcinnis@austin.ibm.com

--

All opinions expressed are my own opinions, not my company's opinions.

From sproul@ap.org Mon Jul 22 08:20:43 1996

Received: from janus.ap.org (eos.ap.org [165.1.6.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id IAA02791 for <aprssig@tapr.org>; Mon, 22 Jul 1996 08:20:41 -0500 (CDT)

Received: from [165.1.27.20] by janus.ap.org (SMI-8.6/SMI-SVR4) id JAA18812; Mon, 22 Jul 1996 09:16:39 -0400

X-Sender: sproul@165.1.6.1

Message-Id: <v03007605ae1930545698@[165.1.27.20]>

In-Reply-To: <960721191605_438891417@emout13.mail.aol.com>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Date: Mon, 22 Jul 1996 09:21:51 -0400

To: aprssig@tapr.org

From: Mark Sproul <sproul@ap.org>

Subject: Re: [APRSSIG:3206] The Invisible GPS Tracker

Cc: BordingK@aol.com

>Here's the problem:

>

>My PK-12 tracker, which I finally got on the air today, does not show up on
>my WinAPRS station. I've also not seeing any other stations on my home APRS,
>but up until now I've blamed that on a lack of APRS activity in the immediate
>Jacksonville area and no available digis within range of my hidden antenna
>(homeowners association, you know!), I'm probably doing something really
>stupid, but I'm stumped! So I've turned to the kindly, and always sensitive,
>members of the SIG!

>

>Home station puts out good power and I can hear my packets all around the
>east side of town. WinAPRS is set up as VHF relay, wide.

>

>The following output from the tracker was captured on home station running
>Windows Terminal as I drove around the 'hood.

>

>

>KF4COH-9*>RELAY>APRS:

>\$GPGLL,3022.704,N,08130.312,W,222743.801,A

>\$GPVTG,330.4,T,334.2,M,15.3,N,28.3,K

>KF4COH-9*>RELAY>APRS:

>\$GPGLL,3022.750,N,08130.368,W,222751.096,A

>\$GPVTG,317.4,T,321.1,M,14.8,N,27.4,K

>KF4COH-9*>RELAY>APRS:

>\$GPGLL,3022.688,N,08130.461,W,222803.754,A

>\$GPVTG,249.7,T,253.4,M,15.6,N,28.8,K

>

>I'm running a RS HTX202 HT, PK-12, Magellan GPS as the tracker.

>

>Any assistance will be appreciated.

From jratchf@bulldog.afsc.k12.ar.us Mon Jul 22 09:14:16 1996
Received: from bulldog.afsc.k12.ar.us (root@[170.211.157.174]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id JAA04606 for <aprssig@tapr.org>; Mon, 22 Jul 1996
09:14:13 -0500 (CDT)
Received: from jratchf.bulldog.afsc.k12.ar.us (slip1.afsc.k12.ar.us
[170.211.157.175]) by bulldog.afsc.k12.ar.us (8.6.11/8.6.9) with SMTP id JAA23150
for <aprssig@tapr.org>; Mon, 22 Jul 1996 09:14:16 -0500
Message-Id: <199607221414.JAA23150@bulldog.afsc.k12.ar.us>
From: "J. Scott Ratchford, KC5JGV" <jratchf@bulldog.afsc.k12.ar.us>
To: <aprssig@tapr.org>
Subject: Re: [APRSSIG:3175] RE: Yet another ARPS usage
Date: Mon, 22 Jul 1996 09:12:28 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1085
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

> On Friday, 19-July-1996, Scott Ratchford, KC5JGV, presented a most
> interesting discussion of using APRS, GPS, DFjr, etc., to find cable
> "leaks".
>
> MOST interesting, Scott. How about some more details of your setup and
> operating techniques?

My setup is a Grid 486 Laptop, Garmin 55 AVD GPS, Radio Shack Pro-2026
Scanner, MFJ Data Radio, Kantronics KPC-3, Agrelo Engr. DFjr.

>In particular, how does the DFjr work with the multiple cable leaks?
Looks like it might get >confused, since all these signals are identical,
just coming from different places. Wouldn't that >just look like a severe
case of multipath?

Using the DFjr to find multiple leaks on the same frequency, is not that
difficult. The trick is listening to the signal. Initially, yes, there is
multi-path. But you just watch and listen and the signal direction becomes
quite clear! You can also increase the threshold on the DFjr, which help
in avoiding false signals.

>Also, what kind of receiver were you using for the DFjr, and what
frequency did you listen to?

I was using the Radio Shack Pro-2026 Scanner on 145.250 and 144.000 with
the DFjr. And the HTX-202 HT for "close proximity" work.

>
> Thanks! 73 Claude Head
> K5DTN
> chead@exame2.dseg.ti.com

I hope this helps. If anything maybe some of our fellow APRSers will get out and try the same thing. I am always looking for new and unusual uses for our hobby and this is just one of them that can be both beneficial and educational.

Have Fun!

--

J. Scott Ratchford - KC5JGV - Marshall, Arkansas
* North Arkansas Amateur Radio Society, Inc.
* Marshall Volunteer Fire Dept./EMS First Responder
* Calf Creek Lodge #426
* E. Daniel Hardware "3 Fingers" Bourbon & Liars Club

From dkaplan@pionet.net Mon Jul 22 09:32:10 1996
Received: from ELWOOD.pionet.net (ELWOOD.pionet.net [199.120.116.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id JAA05533 for <aprssig@tapr.org>; Mon, 22 Jul 1996 09:32:08 -0500 (CDT)
Received: from pm3_189.pionet.net by ELWOOD.pionet.net; (5.65v3.0/1.1.8.2/030ct95-1046AM)
id AA09944; Mon, 22 Jul 1996 09:38:03 -0500
Date: Mon, 22 Jul 1996 09:38:03 -0500
Message-Id: <9607221438.AA09944@ELWOOD.pionet.net>
X-Sender: dkaplan@elwood.pionet.net
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: Dave Kaplan <dkaplan@pionet.net>
Subject: Re: [APRSSIG:3215] RE: Yet another ARPS usage

At 09:20 AM 7/22/96 -0500, you wrote:

<snip>

>>Also, what kind of receiver were you using for the DFjr, and what
>frequency did you listen to?

>

>I was using the Radio Shack Pro-2026 Scanner on 145.250 and 144.000 with
>the DFjr. And the HTX-202 HT for "close proximity" work.

>

>

How does listening on these frequencies pick up cable leaks?

Dave

From bruninga@nadm.navy.mil Mon Jul 22 10:10:30 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id KAA07099 for <aprssig@tapr.org>; Mon, 22 Jul 1996 10:10:29 -0500 (CDT)
Received: (from bruninga@localhost) by arctic.nadm.navy.mil (8.6.12/8.6.12) id LAA04129; Mon, 22 Jul 1996 11:15:15 -0400
Date: Mon, 22 Jul 1996 11:15:11 -0400 (EDT)

From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: gibson@microsoft.demon.co.uk
cc: Mike Tyrrell <100321.1327@compuserve.com>, aprssig@tapr.org
Subject: APRS and Cave Radio
In-Reply-To: <960425170818_100321.1327_JHF38-1@CompuServe.COM>
Message-ID: <Pine.SUN.3.91.960722104459.244A-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

If anyone knows how to get this to the Cave Radio and Electronics group at <http://www.Sat.dundee.ac.uk/~arb/creg>, They might find it interesting....

Dear Mike Bedford, G4AEE:

I thoroughly enjoyed your QST article about Cave radio. As an avid teenage spelunker 30 years ago, I can identify with the sport. As the author of the very popular APRS packet tracking system, however, I wonder if you have explored the advantages of packet radio as a means to extend the range of VHF/UHF radio via multiple hops?

Although APRS is normally based on GPS position reporting, its map display is ideal for tracking underground teams in the cave! (A sketch of the cave passages can be easily prepared in just a few minutes using a mouse. Absolute lat/long accuracy is not required since GPS could never be used even an inch underground). As long as the sender places himself on the map approximately by cursor movement, all receiving stations will see him at that location! Even positions in uncharted passages can be reported by estimating your location relative to the known sketch.

The advantage of using packet is based on one fact.... That you can EXTEND VHF/UHF radio ranges by simply dropping packet digipeaters along the cave route as you progress inward. These digipeaters can relay VHF or UHF communications over and over again (up to 8 times)! DIGIPEATERS can be built with a single HT and tiny packet TNC. Running on AA cells each digipeater could last for a few days and be packaged into less than a 1 liter volume. APRS uses an efficient connectionless protocol and GENERIC callsign ALIASES so that the cave units do NOT have to remember the callsigns of the digipeaters or how to construct the path! Simply assign the generic callsign of DIGI to all digipeaters. Cavers simply address all packets via the path of DIGI,DIGI,DIGI,etc

If you were able to get even 1/4 mile between digipeaters, then you could use this system for up to two miles inward! Here is how I would do it:

- 1) Set a digipeater in the mouth of the cave which couples well, both into the main cave passage and well out to the above ground team.
- 2) Proceed into the cave. You can "ping" the digi at any time. When you begin to see the signal strength get low and when you make a major path change, drop a digi (I would try to hang it in the center of the passage entrance).

- 3) Repeat step 2 as you proceed. After each digi is installed, add one digi hop to your transmitted packet...
- 4) Add a digipeater on a nearby hilltop to extend the comms link back to town for arm-chair tracking by loved ones back home..
- 5) If the above ground comm station is at the entrance, omit the cave-mouth and hilltop digi to reduce the number of hops. Use a BEAM antenna in the mouth pointed inward.

THIS APRS generic digipeating is ideal in caves because not more than a few digis will hear each other at any time. We have found that if you have many hops and each digi hears 3 or more other digis, then a packet launched to DIGI,DIGI,DIGI,DIGI could bounce around dozens of times! This is only a problem on an above ground network trying to support dozens of users. But since you will only have two or a few stations underground, even if a packet is heard a dozen times, it will not disrupt comms.

APRS works on un-connected packets. It ignores all of the duplicate copies. These multiple hops and duplicates would not work in a CONNECTED protocol. If you are unfamiliar with APRS, find someone who is....

The only disadvantage is carrying along the laptop computer in the mud!

Areas for research:

- 1) How far does VHF/UHF go in a cave?
- 2) Is there a waveguide effect?
- 3) What is the best way to couple energy from one main passage into a smaller passage?
- 4) Can passive resonant elements be used to couple energy between main and smaller passages.
- 5) What is the ideal portable APRS terminal? The HP palmtops are rumored to work fine with APRS...

The advantage of APRS and packet, is that NO UNIQUE hardware needs to be developed. Everything is available off the shelf!

de wb4apr@amsat.org

From bruninga@nadm.navy.mil Mon Jul 22 10:56:48 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id KAA08891 for <aprssig@tapr.org>; Mon, 22 Jul 1996 10:56:47 -0500 (CDT)
Received: (from bruninga@localhost) by arctic.nadm.navy.mil (8.6.12/8.6.12) id MAA11737; Mon, 22 Jul 1996 12:01:39 -0400
Date: Mon, 22 Jul 1996 12:01:38 -0400 (EDT)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3129] Re: New APRSwx program
In-Reply-To: <31EE1DA2.63A8@co.pinellas.fl.us>

Message-ID: <Pine.SUN.3.91.960722115933.244G-100000@arctic>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 18 Jul 1996, Kevin Heyboer wrote:

> Great idea Bob....but one question before I download it....is this
> surface wind or upper level wind and what is the source of the data?

APRSdos REPLY COMMENT: The source data is simply the APRS stations displayed on the map. All this routine does is try to draw a smooth wind flow contours over the map based on the few data points from APRS reporting stations. Therefore it is presumable surface winds...

de wb4apr@amsat.org

From bruninga@nadm.navy.mil Mon Jul 22 11:20:58 1996

Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id LAA10221 for <aprssig@tapr.org>; Mon, 22 Jul 1996 11:20:56 -0500 (CDT)

Received: (from bruninga@localhost) by arctic.nadm.navy.mil (8.6.12/8.6.12) id MAA13777; Mon, 22 Jul 1996 12:25:50 -0400

Date: Mon, 22 Jul 1996 12:25:50 -0400 (EDT)

From: Bob Bruninga <bruninga@nadm.navy.mil>

X-Sender: bruninga@arctic

To: aprssig@tapr.org

Subject: Re: [APRSSIG:3094] Re: <alt> S ...wide help on aprs 76f ?

In-Reply-To: <Pine.3.89.9607181833.B23648-0100000@bcfreenet.seflin.lib.fl.us>

Message-ID: <Pine.SUN.3.91.960722121208.244K-100000@arctic>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 18 Jul 1996, someone wrote concerning APRS dropping the ability to set the APRS station alias to anything but RELAY:

> This is a bit heavy handed.... dictating the procedure that
> YOU feel is the only way the system should be run.
> I will not go out and purchase TNCs for any of the sites I have control
> of, and neither do I think any one else should. A high site digipeater
> need only have a single alias. To demand that we 'upgrade' because of
> your thinking we have gone 'out of control' is very heavy handed.

APRSdos REPLY COMMENT: My deleting the ability to set a home station to an alias of WIDE within the program will not affect your remote digipeaters at all. You may set their alias to anything you want. But the standard is to have all WIDE area digipeaters also have the secondary alias of RELAY too so that mobiles using the standard path of RELAY,WIDE will be heard when in the vicinity of that digi...

de wb4apr@amsat.org

From bruninga@nadm.navy.mil Mon Jul 22 11:34:40 1996

Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by

tapr.org (8.7.5/8.7.3/1.9) with SMTP id LAA10724 for <aprssig@tapr.org>; Mon, 22 Jul 1996 11:34:38 -0500 (CDT)
Received: (from bruninga@localhost) by arctic.nadn.navy.mil (8.6.12/8.6.12) id MAA15745; Mon, 22 Jul 1996 12:39:32 -0400
Date: Mon, 22 Jul 1996 12:39:32 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3157] Fwd: <alt> S ...wide help on aprs 76f ?
In-Reply-To: <960718185200_579833734@emout15.mail.aol.com>
Message-ID: <Pine.SUN.3.91.960722122817.244L-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 18 Jul 1996 KD4EMI@aol.com wrote:

> I've tried to explain it to him why this is wrong ...can someone who is more
> prose oriented please assist... I told him that I use two different
> digipeater paths when I am mobile...

> APRS VIA RELAY,WIDE
> APRS VIA WIDE,WIDE

APRSDOS REPLY COMMENT: You only have to use both of these because some areas of the country still do not have all of their WIDES converted to respond to both RELAY and WIDE. Whereever there are dual alias TNC's then mobiles only need to use APRS VIA RELAY,WIDE and they will be heard whether they are near a WIDE or if they are on the fringe and just near any other APRS station (RELAY).

de wb4apr@amsat.org

From bruninga@nadn.navy.mil Mon Jul 22 11:39:03 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id LAA10933 for <aprssig@tapr.org>; Mon, 22 Jul 1996 11:39:02 -0500 (CDT)
Received: (from bruninga@localhost) by arctic.nadn.navy.mil (8.6.12/8.6.12) id MAA16125; Mon, 22 Jul 1996 12:43:55 -0400
Date: Mon, 22 Jul 1996 12:43:54 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3161] WX-APRS
In-Reply-To: <199607190043.UAA29401@gold.interlog.com>
Message-ID: <Pine.SUN.3.91.960722124131.244M-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 18 Jul 1996, Mike Walker wrote:

> I just started playing with the WXaprs and nice idea on the winds aloft
> display.

APRSdos REPLY COMMENT: It *is* Winds aloft in the WIN/MAC versions if you have access to winds aloft data. It is just an artificial estimate of wind flow on the ground if you are usnig APRSwx.

P.S. I have a report that APRSwx has some bugs in trying to configure it for WX operation with your WX station. SO if you dont have it yet, dont get it until I look into this bug...

de wb4apr@amsat.org

From NTMail@DGPS.COM Mon Jul 22 12:29:15 1996
Received: from server.DGPS.COM (dgps.com [165.113.153.6]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id MAA13351 for <aprssig@tapr.org>; Mon, 22 Jul 1996 12:29:11 -0500 (CDT)
From: NTMail@DGPS.COM
Message-Id: <199607221729.MAA13351@tapr.org>
To: ronhaley@DGPS.COM
Subject: (no subject)
Date: Mon, 22 Jul 96 10:25:04 -0100 (PDT)

Your message headed:
(no subject)
has been delivered to ronhaley@dgps.com.

This receipt does not guarantee that the mail has been read.

From jratchf@bulldog.afsc.k12.ar.us Mon Jul 22 12:39:20 1996
Received: from bulldog.afsc.k12.ar.us (root@[170.211.157.174]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id MAA13856 for <aprssig@tapr.org>; Mon, 22 Jul 1996 12:39:17 -0500 (CDT)
Received: from jratchf.bulldog.afsc.k12.ar.us (slip2.afsc.k12.ar.us [170.211.157.174]) by bulldog.afsc.k12.ar.us (8.6.11/8.6.9) with SMTP id MAA26924 for <aprssig@tapr.org>; Mon, 22 Jul 1996 12:39:13 -0500
Message-Id: <199607221739.MAA26924@bulldog.afsc.k12.ar.us>
From: "J. Scott Ratchford, KC5JGV" <jratchf@bulldog.afsc.k12.ar.us>
To: <aprssig@tapr.org>
Subject: Re: [APRSSIG:3216] RE: Yet another ARPS usage
Date: Mon, 22 Jul 1996 12:35:17 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1085
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

> From: Dave Kaplan <dkaplan@pionet.net>
> To: aprssig@tapr.org
> Subject: [APRSSIG:3216] RE: Yet another ARPS usage
> Date: Monday, July 22, 1996 9:38 AM
>
> At 09:20 AM 7/22/96 -0500, you wrote:
> <snip>

>
>
> >>Also, what kind of receiver were you using for the DFjr, and what
> >frequency did you listen to?
> >
> >I was using the Radio Shack Pro-2026 Scanner on 145.250 and 144.000
with
> >the DFjr. And the HTX-202 HT for "close proximity" work.
> >
> >
> How does listening on these frequencies pick up cable leaks?
>
> Dave

Cable channel 18 is key here. Use 145.250 to find the leaks. Channel 17
works out on 144.000. This is but one way. Another is 421.25 mhz that is
channel 59 ro 60, which is also one of the ATV frequencies. You can also
use a portable tv, though less relliable, and locate the leaks.

I have a chart around here somewhere, and will send it up asap.

--

J. Scott Ratchford - KC5JGV - Marshall, Arkansas
* North Arkansas Amateur Radio Society, Inc.
* Marshall Volunteer Fire Dept./EMS First Responder
* Calf Creek Lodge #426
* E. Daniel Hardware "3 Fingers" Bourbon & Liars Club

From kc5ejk@onramp.net Mon Jul 22 12:44:34 1996
Received: from mailhost.onramp.net (mailhost.onramp.net [199.1.11.3]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id MAA13961 for <aprssig@tapr.org>; Mon, 22 Jul 1996
12:44:33 -0500 (CDT)
Received: from [199.1.11.175] (dal63.onramp.net [199.1.11.163]) by
mailhost.onramp.net (8.7.3/8.6.5) with SMTP id MAA00222 for <aprssig@tapr.org>;
Mon, 22 Jul 1996 12:44:30 -0500 (CDT)
Message-Id: <v02140b01ae196e27d8aa@[199.1.11.175]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Mon, 22 Jul 1996 12:45:12 -0500
To: aprssig@tapr.org
From: kc5ejk@onramp.net (Robert Winingham)
Subject: Re: [APRSSIG:3213] Re: The Invisible GPS Tracker

>>Here's the problem:
>>
>>KF4COH-9*>RELAY>APRS:
>>\$GPGLL,3022.704,N,08130.312,W,222743.801,A

HEADERLN OFF to get

KF4COH-9*>RELAY>APRS:\$GPGLL,3022.704,N,08130.312,W,222743.801,A

Bob - Dallas,TX --- kc5ejk@onramp.net or kc5ejk@amsat.org ---

From kc5ejk@onramp.net Mon Jul 22 12:50:49 1996
 Received: from mailhost.onramp.net (mailhost.onramp.net [199.1.11.3]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id MAA14454 for <aprssig@tapr.org>; Mon, 22 Jul 1996 12:50:48 -0500 (CDT)
 Received: from [199.1.11.175] (dal63.onramp.net [199.1.11.163]) by mailhost.onramp.net (8.7.3/8.6.5) with SMTP id MAA01591 for <aprssig@tapr.org>; Mon, 22 Jul 1996 12:50:42 -0500 (CDT)
 Message-Id: <v02140b02ae196fb63642@[199.1.11.175]>
 Mime-Version: 1.0
 Content-Type: text/plain; charset="us-ascii"
 Date: Mon, 22 Jul 1996 12:51:25 -0500
 To: aprssig@tapr.org
 From: kc5ejk@onramp.net (Robert Winingham)
 Subject: Re: [APRSSIG:3216] RE: Yet another ARPS usage

>How does listening on these frequencies pick up cable leaks?
 >

CHAN	BROADCAST	CABLE STD	CABLE HRC	CABLE IRC	
1	---	---	72.00	73.25	
2	55.25	55.25	54.00	55.25	
3	61.25	61.25	60.00	61.25	
4	67.25	67.25	66.00	67.25	
5	77.25	77.25	78.00	79.25	
6	83.25	83.25	84.00	85.25	
7	175.25	175.25	174.00	175.25	
8	181.25	181.25	180.00	181.25	
9	187.25	187.25	186.00	187.25	
10	193.25	193.25	192.00	193.25	
11	199.25	199.25	198.00	199.25	
12	205.25	205.25	204.00	205.25	
13	211.25	211.25	210.00	211.25	
14 A	471.25	121.25	120.00	121.15	
15 B	477.25	127.25	126.00	127.15	
16 C	483.25	133.25	132.00	133.15	
17 D	489.25	139.25	138.00	139.15	
18 E	495.25	145.25	144.00	145.15	##### here #####
19 F	501.25	151.25	150.00	151.15	
20 G	507.25	157.25	156.00	157.15	
21 H	513.25	163.25	162.00	163.15	
22 I	519.25	169.25	168.00	169.15	
23 J	525.25	217.25	216.00	217.25	
24 K	531.25	223.25	222.00	223.25	
25 L	537.25	229.25	228.00	229.25	
26 M	543.25	235.25	234.00	235.25	
27 N	549.25	241.25	240.00	241.25	
28 O	555.25	247.25	246.00	247.25	

29	P	561.25	253.25	252.00	253.25
30	Q	567.25	259.25	258.00	259.25
31	R	573.25	265.25	264.00	265.25
32	S	579.25	271.25	270.00	271.25
33	T	585.25	277.25	276.00	277.25
34	U	591.25	283.25	282.00	283.25
35	V	597.25	289.25	288.00	289.25
36	W	603.25	295.25	294.00	295.25
37	AA	609.25	301.25	300.00	301.25
38	BB	615.25	307.25	306.00	307.25
39	CC	621.25	313.25	312.00	313.25
40	DD	627.25	319.25	318.00	319.25
41	EE	633.25	325.25	324.00	325.25
42	FF	639.25	331.25	330.00	331.25
43	GG	645.25	337.25	336.00	337.25
44	HH	651.25	343.25	342.00	343.25
45	II	657.25	349.25	348.00	349.25
46	JJ	663.25	355.25	354.00	355.25
47	KK	669.25	361.25	360.00	361.25
48	LL	675.25	367.25	366.00	367.25
49	MM	681.25	373.25	372.00	373.25
50	NN	687.25	379.25	378.00	379.25
51	OO	693.25	385.25	384.00	385.25
52	PP	699.25	391.25	390.00	391.25
53	QQ	705.25	397.25	396.00	397.25
54	RR	711.25	403.25	402.00	403.25
55	SS	717.25	409.25	408.00	409.25
56	TT	723.25	415.25	414.00	415.25
57	UU	729.25	421.25	420.00	421.25
58	VV	735.25	427.25	426.00	427.25
59	WW	741.25	433.25	432.00	433.25
60	XX	747.25	439.25	438.00	439.25
61	YY	753.25	445.25	444.00	445.25
62	ZZ	759.25	451.25	450.00	451.25
63		765.25	457.25	456.00	457.25
64		771.25	463.25	462.00	463.25
65		777.25	469.25	468.00	469.25
66		783.25	475.25	474.00	475.25
67		789.25	481.25	480.00	481.25
68		795.25	487.25	486.00	487.25
69		801.25	493.25	492.00	493.25
70		807.25	499.25	498.00	499.25
71		813.25	505.25	504.00	505.25
72		819.25	511.25	510.00	511.25
73		825.25	517.25	516.00	517.25
74		831.25	523.25	522.00	523.25
75		837.25	529.25	528.00	529.25
76		843.25	535.25	534.00	535.25
77		849.25	541.25	540.00	541.25
78		855.25	547.25	546.00	547.25
79		861.25	553.25	552.00	553.25
80		867.25	559.25	558.00	559.25
81		873.25	565.25	564.00	565.25

82	879.25	571.25	570.00	571.25
83	885.25	577.25	576.00	577.25
84	---	421.25	420.00	421.25
85	---	427.25	426.00	427.25
86	---	433.25	432.00	433.25
87	---	439.25	438.00	439.25
88	---	445.25	444.00	445.25
89	---	451.25	450.00	451.25
90	---	457.25	456.00	457.25
91	---	463.25	462.00	463.25
92	---	469.25	468.00	469.25
93	---	475.25	474.00	475.25
94	---	481.25	480.00	481.25
95	---	91.25	90.00	91.25
96	---	97.25	96.00	97.25
97	---	103.25	102.00	103.25
98	---	109.25	108.00	109.25
99	---	115.25	114.00	115.25
CHAN	BROADCAST	CABLE STD	CABLE HRC	CABLE IRC

HRC = Harmonic related carrier

IRC = Interval related carrier

Color subcarrier is 3.579545 MHz above video given

Audio subcarrier is 4.500000 MHz above video given

Exact color subcarrier is computed by $5 \times 63/88$ MHz

This is the formula specified by the FCC in part 73

Low VHF 54-88 MHz
 Midband 88-174 MHz
 High VHF 174-216 MHz
 Superband 216-300 MHz
 Hyperband 300-468 MHz
 Ultraband 468-648 MHz
 UHF 470-806 MHz (formerly 470-890)

73

Bob - Dallas, TX --- kc5ejk@onramp.net or kc5ejk@amsat.org ---

From willf@rrgroup.com Mon Jul 22 12:51:57 1996

Received: from inc.net (beta.inc.net [204.95.160.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id MAA14479 for <aprssig@tapr.org>; Mon, 22 Jul 1996 12:51:55 -0500 (CDT)

Received: from dr-funk (will.rrgroup.com [204.95.173.139]) by inc.net (8.7.5/8.7.3) with SMTP id MAA24235 for <aprssig@tapr.org>; Mon, 22 Jul 1996 12:47:40 -0500 (CDT)

Message-ID: <31F3BFBD.673A@rrgroup.com>

Date: Mon, 22 Jul 1996 12:51:57 -0500

From: Will Flor <willf@rrgroup.com>

Organization: The R R Systems Group, Inc.
X-Mailer: Mozilla 2.0 (WinNT; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: Caving and Radios
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bob APR wrote:

> Areas for research:
>
> 1) How far does VHF/UHF go in a cave?

Line of sight, IOW not very far.

> 2) Is there a waveguide effect?

As far as the walls of the cavern are concerned, no. If you were in a copper mine, there might be. ;-)

> 3) What is the best way to couple energy from one main passage into a smaller passage?

With a wire, strung between the two.

> 4) Can passive resonant elements be used to couple energy between main and smaller passages.

Yes; AFAIK this is the standard way of doing VHF cave radio. Rig a wire from the entrance through your route. Splice other wires onto it for side passages. I've never heard of anyone needing to use a repeater, digi or otherwise.

BTW, there are commercially-available caving and climbing ropes with cables in them specifically for this purpose.

73 de KB9JTT, APRS user and spelunker

From bruninga@nadm.navy.mil Mon Jul 22 16:53:10 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id QAA23487 for <aprssig@tapr.org>; Mon, 22 Jul 1996 16:53:07 -0500 (CDT)
Received: (from bruninga@localhost) by arctic.nadm.navy.mil (8.6.12/8.6.12) id RAA13382; Mon, 22 Jul 1996 17:58:01 -0400
Date: Mon, 22 Jul 1996 17:58:01 -0400 (EDT)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: WIDES and RELAYS only
Message-ID: <Pine.SUN.3.91.960722171428.11966A-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

This weekend driving to the beach, I passed an abandoned lookout tower. As I pondered building a solar powered DIGI there to provide mobile coverage, I realized why we may be having trouble making people understand the difference between a WIDE-RELAY and a RELAY digipeater...

Since the nearest WIDE is over 20 miles away we DONT NEED ANOTHER WIDE. All we need is a digi to fill in this area for mobiles. Clearly this new digi at 100 Feet HAAT would not be a WIDE, it would be a RELAY only digipeater. This way, mobiles transiting the area using the standard path of RELAY,WIDE would get picked up by this digi and relayed onward to the existing WIDEs.

What I realized is that most people going to the expense of obtaining and installing over \$500 worth of radio equipment would think that this effort must clearly be worthy of a WIDE digipeater. They would want it to show as a Green star like all the other DIGIs...

..... WRONG

This digi should be just a DOT. I would use the "/" character. It would just sit there on the map as a little dot with the callsign of W3XYZ. It would digipeat packets addressed to its own callsign W3XYZ and to RELAY (as do all APRS stations).

. . . . THATs IT !

Yes, it is installed as a stand alone digipeater, Its on top of a very tall tower, it looks like a digipeater installation, BUT IT IS JUST LIKE ANY OTHER APRS STATION. It relays position reports from mobiles using

the path of VIA RELAY,WIDE... (just like any other APRS home station)...

* BUT * since it has no need to be a WIDE (because it is too close to the main backbone WIDES), and since it is not furthering the propagation of WIDE packets (other than out to sea in the Atlantic), it just does not need to be a WIDE. It will clearly be seen to have reasonably wide area coverage when ever you do a MAPS-PLOTS-POWER command, and it will provide mobile coverage in an area where there are no WIDES and *no* 24 hour home stations. BUT IT DOES NOT NEED TO BE A WIDE!

Making it a WIDE would potentially cut overall channel throughput in the area by a factor of TWO (since it would repeat every WIDE packet that it hears). Not only would this gain nothing, it would SIGNIFICANTLY reduce channel capacity. But as a RELAY only station (Like every other APRS station in the area) it does provide a vital role for mobiles...

From lmkeeran@rs6000.cmp.ilstu.edu Mon Jul 22 17:28:10 1996
Received: from aixa.nsys.ilstu.edu (aixa.nsys.ilstu.edu [138.87.7.200]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id RAA24686 for <aprssig@tapr.org>; Mon, 22 Jul 1996 17:28:09 -0500 (CDT)
Received: from [138.87.2.109] (i0517009.adm.ilstu.edu [138.87.2.109]) by aixa.nsys.ilstu.edu (AIX4.2/UCB 8.7/8.7) with SMTP id RAA22580 for

X-Mailer: Microsoft Internet Mail 4.70.1085
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Message-ID: <19960722234534223.AAA62@rhost.itexas.net>

Being new to APRS I must ask this question....when would a station call itself a WIDE? I am 35 miles SW of Ft.Worth, Tx and the most APRS station that I have ever seen in the Dallas-Ft Worth area is maybe 6-8 stations! What purpose does a WIDE serve in a thinly populated (with APRS stations) like ours? Infact even when the band is open I have not see a WIDE in Texas.

From jbaum@freenet.columbus.oh.us Mon Jul 22 19:03:00 1996
Received: from ronco-i.freenet.columbus.oh.us (ronco.freenet.columbus.oh.us [164.107.107.13]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id TAA28262 for <aprssig@tapr.org>; Mon, 22 Jul 1996 19:02:58 -0500 (CDT)
Received: from login by ronco-i.freenet.columbus.oh.us (8.7.5/5.960408) id SAA27003; Sun, 21 Jul 1996 18:47:49 -0400 (EDT)
Received: by login (8.6.10) id VAA29804; Fri, 19 Jul 1996 21:26:34 -0400
Date: Fri, 19 Jul 1996 21:20:48 -0400 (EDT)
From: John Baum <jbaum@freenet.columbus.oh.us>
Subject: San Diego Freq - Again
To: aprs sig <aprssig@tapr.org>
Message-ID: <Pine.3.07.9607192148.A28530-a1000000@login>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

In my company's infinte wisdom, they have decided to fly my rear end out to San Diego this weekend. Hopefuuly I'll find time to fire up the rented laptop and put my beacon out at nights.

Unfortunetly, I never wrote down which freq is used. Could someone please repost it for me.

On a more serious note, I plan on taking the APRS OHIO LLBBS down for good the first part of August. Activity on the BBS has equalled about one call every other day sense the last part of May.

John Baum - KB8JX0 - Sysop APRS OHIO LLBBS (614) 443-4249
Cruise Missile Address: 39 56.35 N 082 58.89 W
Semi-Co-owner of HOOT - Columbus Ohio's BiWeekly Humor Newspaper

From alfred!ucf-cs!tir.com!n8chb Mon Jul 22 19:13:59 1996
Received: from osceola.cs.ucf.edu (osceola.cs.ucf.edu [132.170.108.35]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id TAA28841 for <aprssig@tapr.org>; Mon, 22 Jul 1996 19:13:52 -0500 (CDT)
Received: from alfred.UUCP by osceola.cs.ucf.edu (4.1/1.34) id AA00853; Mon, 22 Jul 96 20:14:37 EDT
Received: by alfred.oau.org (/\\==/\\ Smail3.1.28.1 #28.1) id <m0uiV1R-00004PC@alfred.oau.org>; Mon, 22 Jul 96 20:08 EDT

Received: by nevets.oau.org (Smail3.1.29.1 #2)
id m0uiUop-000Qk0C; Mon, 22 Jul 96 19:55 EDT
Message-Id: <m0uiUop-000Qk0C@nevets.oau.org>
Date: Mon, 22 Jul 96 19:55 EDT
From: wa4ikq@nevets.oau.org (Geoffrey Dick)
To: aprssig@tapr.org
Subject: LIMITED MESSAGE LENGTH CAUSED BY TNCS
Cc: n8chb@tir.com

I received a question from Roger, N8CHB, as to what TNC was used on the receiving end, and what command in the TNC initiation file corrected limited message strings.

The TNC used was a PK88. The following command: PACLEN 128 lengthens the message string the TNC handles, to a maximum of 128 characters, which far more than required. If more characters are in the information packet than what the APRS software is designed to handle, those bytes will simply fall out the end. With this TNC command, the message string will not be prematurely terminated.

////////////////////////////////////

From: Roger Breckon <alfred!ucf-cs!tir.com!n8chb>

RE: [APRSISIG:3198] CW, TALKING, & SINGING APRS

Then one evening we were experimenting with line lengths
> and why characters were being lost between dosAPRS, WinAPRS, and MacAPRS.
> I sent him a string 012345678901234567... etc. 67 characters total from
> dosAPRS and he received only 47 characters in WinAPRS, and 51 in MacAPRS.

cut text here----->

> It pronounced the number string: ONE SEPTILLION OCTILLIAN.. etc. He later
> found that it was his TNC set up that was limiting the number of received
> characters.

////////////////////////////////////

hello Geoffrey,

Thank u fer ur report.

Could find out the type of TNC used in the test and what command code was entered to change number of characters in the line?

Thanks,

de Roger n8chb@tir.com

////////////////////////////////////

From mead@hamal.usc.edu Mon Jul 22 19:19:25 1996
Received: from usc.edu (root@usc.edu [128.125.253.136]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id TAA29189 for <aprssig@tapr.org>; Mon, 22 Jul 1996
19:19:23 -0500 (CDT)
Received: from hamal.usc.edu (mead@hamal.usc.edu [128.125.18.25])

by usc.edu (8.7.2/8.7.2/usc) with SMTP
id RAA23600 for <aprssig@tapr.org>; Mon, 22 Jul 1996 17:19:19 -0700 (PDT)
Received: (from mead@localhost)
by hamal.usc.edu (8.7.2/8.7.3/usc)
id RAA25225; Mon, 22 Jul 1996 17:19:18 -0700 (PDT)
Date: Mon, 22 Jul 96 17:19:18 PDT
From: Dick Mead <mead@hamal.usc.edu>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3231] San Diego Freq - Again
In-Reply-To: Your message of Mon, 22 Jul 1996 19:06:14 -0500 (CDT)
Message-ID: <CMM.0.90.4.838081158.mead@hamal.usc.edu>

>
> In my company's infinte wisdom, they have decided to fly my rear
> end out to San Diego this weekend. Hopefuuly I'll find time to fire up the
> rented laptop and put my beacon out at nights.
> Unfortunetly, I never wrote down which freq is used. Could someone
> please repost it for me.
>
> On a more serious note, I plan on taking the APRS OHIO LLBBS down
> for good the first part of August. Activity on the BBS has equalled about
> one call every other day sense the last part of May.
>
> John Baum - KB8JX0 - Sysop APRS OHIO LLBBS (614) 443-4249
> Cruise Missile Address: 39 56.35 N 082 58.89 W
> Semi-Co-owner of HOOT - Columbus Ohio's BiWeekly Humor Newspaper
>
>
>
>

145.790 MHz is in use for APRS in So Cal, including, and starting
with, San Diego. As far as I can tell, HF is mostly on 10.151.5 Mhz.

Dick WB6NGC

From amirault@laraby.tiac.net Mon Jul 22 19:19:56 1996
Received: from laraby.tiac.net (laraby.tiac.net [199.0.65.80]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id TAA29214 for <aprssig@tapr.org>; Mon, 22 Jul 1996
19:19:52 -0500 (CDT)
Received: (from amirault@localhost) by laraby.tiac.net (8.6.9/8.6.6.Beta9) id
UAA08739; Mon, 22 Jul 1996 20:18:38 -0400
Date: Mon, 22 Jul 1996 20:18:38 -0400 (EDT)
From: Richard Amirault <amirault@laraby.tiac.net>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3199] Re: APRS Legal Question
In-Reply-To: <960721130338_160915288@emout12.mail.aol.com>
Message-ID: <Pine.BSF.3.91.960722201640.26063B-1000000@laraby.tiac.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 21 Jul 1996 SARDUCK@aol.com wrote:

> Jim, I know your experience in this area is extensive and sound right on the
> mark for rules for hams. Please excuse this question for my naivette. Do I
> understand correctly that hams are second users of 2 meter and the government
> is primary?

No, not 2 meters, but 440 (at least in some geographical areas of the country as I understand it) and the Government Use is RADAR.

Richard Amirault N1JDU Boston, Massachusetts USA
amirault@tiac.net "Go Fly A Kite"

From ku0g@sprynet.com Mon Jul 22 21:27:35 1996
Received: from m1.sprynet.com (m1.sprynet.com [165.121.1.97]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id VAA05034 for <aprssig@tapr.org>; Mon, 22 Jul 1996
21:27:34 -0500 (CDT)
From: ku0g@sprynet.com
Received: from [199.174.151.115] (dd09-115.compuserve.com [199.174.151.115]) by
m1.sprynet.com (8.6.12/8.6.12) with SMTP id TAA18127 for <aprssig@tapr.org>; Mon,
22 Jul 1996 19:25:13 -0700
Date: Mon, 22 Jul 1996 19:25:13 -0700
Message-Id: <199607230225.TAA18127@m1.sprynet.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Subject: Re: [APRSSIG:3230] Re: WIDES and RELAYS only
To: aprssig@tapr.org
In-Reply-To: <19960722234534223.AAA62@rboast.itexas.net>
X-Mailer: SPRY Mail Version: 04.00.06.21

Here in Kansas City we have some very definite topography problems. In particular there is an area along Interstate 29 north of the city where the lay of the land is particularly low. Neither the KC nor the St. Joseph WIDE digis get into the area. We intend to put up a "gap filler" RELAY somewhere in never-never land to fill this gap in coverage. This is one of those situations where a RELAY is the order of the day as a WIDE in this area would result in too much QRM! Moral: There IS a valid need for prominent digis using both aliases.

Best 73,
Jim Duncan, KU0G
APRS--Kansas City Coordinator
EMail: ku0g@sprynet.com

From ku0g@sprynet.com Mon Jul 22 21:45:28 1996
Received: from m1.sprynet.com (m1.sprynet.com [165.121.1.97]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id VAA05804 for <aprssig@tapr.org>; Mon, 22 Jul 1996
21:45:27 -0500 (CDT)
From: ku0g@sprynet.com
Received: from [199.174.151.115] (dd09-115.compuserve.com [199.174.151.115]) by
m1.sprynet.com (8.6.12/8.6.12) with SMTP id TAA23097 for <aprssig@tapr.org>; Mon,
22 Jul 1996 19:43:06 -0700
Date: Mon, 22 Jul 1996 19:43:06 -0700
Message-Id: <199607230243.TAA23097@m1.sprynet.com>
MIME-Version: 1.0

Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Subject: Re: [APRSSIG:3232] LIMITED MESSAGE LENGTH CAUSED BY TNCS
To: aprssig@tapr.org
In-Reply-To: <m0uiUop-000Qk0C@nevets.oau.org>
X-Mailer: SPRY Mail Version: 04.00.06.21

Of course, setting PACLEN to 0 disables the feature and is probably (IMHO) the better option....

Best 73,
Jim Duncan, KU0G
APRS--Kansas City Coordinator
EMail: ku0g@sprynet.com

From rwf@mindspring.com Mon Jul 22 22:39:10 1996
Received: from itchy.mindspring.com (itchy.mindspring.com [204.180.128.6]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id WAA07943 for <aprssig@tapr.org>; Mon, 22 Jul 1996 22:39:08 -0500 (CDT)
Received: from borg.mindspring.com (borg.mindspring.com [204.180.128.14]) by itchy.mindspring.com (8.7.5/8.7.3) with ESMTP id XAA05687 for <aprssig@tapr.org>; Mon, 22 Jul 1996 23:39:06 -0400 (EDT)
Received: from rwf.mindspring.com (user-168-121-44-154.dialup.mindspring.com [168.121.44.154]) by borg.mindspring.com (8.6.12/8.6.12) with SMTP id XAA22419 for <aprssig@tapr.org>; Mon, 22 Jul 1996 23:39:02 -0400
Message-Id: <2.2.32.19960723034046.007068a8@mindspring.com>
X-Sender: rwf@mindspring.com
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Mon, 22 Jul 1996 23:40:46 -0400
To: aprssig@tapr.org
From: rwf <rwf@mindspring.com>
Subject: Re: [APRSSIG:3227] WIDES and RELAYS only

So... you were going to the beach in S Florida? hehe

Bob wrote:

>This weekend driving to the beach, I passed an abandoned lookout tower.

SNIP

>* BUT * since it has no need to be a WIDE (because it is too close to
>the main backbone WIDES), and since it is not furthering the propagation
>of WIDE packets (other than out to sea in the Atlantic), it just does not
>need to be a WIDE.

SNIP

>Making it a WIDE would potentially cut overall channel throughput in the
>area by a factor of TWO (since it would repeat every WIDE packet that it
>hears). Not only would this gain nothing, it would SIGNIFICANTLY reduce
>channel capacity.

From rwf@mindspring.com Mon Jul 22 22:39:11 1996
Received: from answerman.mindspring.com (answerman.mindspring.com [204.180.128.8])
by tapr.org (8.7.5/8.7.3/1.9) with SMTP id WAA07944 for <aprssig@tapr.org>; Mon,
22 Jul 1996 22:39:09 -0500 (CDT)
Received: from borg.mindspring.com (borg.mindspring.com [204.180.128.14]) by
answerman.mindspring.com (8.6.12/8.6.12) with ESMTP id XAA22011 for
<aprssig@tapr.org>; Mon, 22 Jul 1996 23:39:07 -0400
Received: from rwf.mindspring.com (user-168-121-44-154.dialup.mindspring.com
[168.121.44.154]) by borg.mindspring.com (8.6.12/8.6.12) with SMTP id XAA22426 for
<aprssig@tapr.org>; Mon, 22 Jul 1996 23:39:04 -0400
Message-Id: <2.2.32.19960723034048.007087d8@mindspring.com>
X-Sender: rwf@mindspring.com
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Mon, 22 Jul 1996 23:40:48 -0400
To: aprssig@tapr.org
From: rwf <rwf@mindspring.com>
Subject: Re: [APRSSIG:3234] Re: APRS Legal Question

Richard and SARDUCK wrote:

SARDUCK::

>> Jim, I know your experience in this area is extensive and sound right on the
>> mark for rules for hams. Please excuse this question for my naivette. Do I
>> understand correctly that hams are second users of 2 meter and the government
>> is primary?

Richard:

>No, not 2 meters, but 440 (at least in some geographical areas of the
>country as I understand it) and the Government Use is RADAR.

As we are finding out right now here in Atlanta, where the
US Customs service has a P-3 in the air running RADAR at a million watts on
446.0 MHz.

I spoke to them today and they QSYed for me, down to 429 or so.

Speaking of the Olympics, how did y'all like those opening ceremonies? If
we had had APRS on those pickup trucks, we could have used Bob's new icon.
Bob- can you change the icon from a pickup with hound dog to a pickup with a
spotlight in the bed? (a *chorome* pickup, no less)?

Advisor	Ralph Fowler, N4NEQ	S.E.R.A. ATV Technical
	rwf@mindspring.com	
Atlanta, GA USA		
Web:	http://www.mindspring.com/~rwf	for APRS, ATV, Balloon, and

Ham info

My hobby is tracking Vehicles and other things using Ham Radio and APRS. Ask me how!

From WB9WOZ@aol.com Mon Jul 22 22:57:59 1996
Received: from emout16.mail.aol.com (emout16.mx.aol.com [198.81.11.42]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id WAA08708 for <aprssig@tapr.org>; Mon, 22 Jul 1996 22:57:57 -0500 (CDT)
From: WB9WOZ@aol.com
Received: by emout16.mail.aol.com (8.6.12/8.6.12) id XAA01631 for aprssig@tapr.org; Mon, 22 Jul 1996 23:59:34 -0400
Date: Mon, 22 Jul 1996 23:59:34 -0400
Message-ID: <960722235934_367946592@emout16.mail.aol.com>
To: aprssig@tapr.org
Subject: Looking for GATE

Is there a 2 meter / 30 meter GATE in the Northwest Wisconsin area ? I have a summer home about 30 miles west of Hayward. Using a 2 meter beam I may even be able to hit the Twin Cities if there is a GATE there.

Please let me know.

Thanks & 73's

Bruce Tobias-WB9WOZ

From ccg7361@nosc.mil Mon Jul 22 23:56:22 1996
Received: from trout.nosc.mil (trout.nosc.mil [128.49.16.7]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id XAA11222 for <aprssig@tapr.org>; Mon, 22 Jul 1996 23:56:20 -0500 (CDT)
Received: from nrad-slip9.nosc.mil by trout.nosc.mil (4.1/SMI-4.1) id AA13784; Mon, 22 Jul 96 21:56:13 PDT
Message-Id: <9607230456.AA13784@trout.nosc.mil>
X-Sender: ccg7361@trout.nosc.mil
X-Mailer: Windows Eudora Version 1.4.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Mon, 22 Jul 1996 21:56:13 -0700
To: aprssig@tapr.org
From: ccg7361@nosc.mil (Kevin Fontes)
Subject: Please Help Me unsubscribe!

Anyone Help!

My e-mail box is overflowing! I need to unsubscribe for work purposes. Any help would be appreciated. Thanks Kevin Fontes.

From jratchf@bulldog.afsc.k12.ar.us Tue Jul 23 07:36:35 1996
Received: from bulldog.afsc.k12.ar.us (root@[170.211.157.174]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id HAA27769 for <aprssig@tapr.org>; Tue, 23 Jul 1996 07:36:33 -0500 (CDT)
Received: from jratchf.bulldog.afsc.k12.ar.us (slip1.afsc.k12.ar.us [170.211.157.175]) by bulldog.afsc.k12.ar.us (8.6.11/8.6.9) with SMTP id HAA09180 for <aprssig@tapr.org>; Tue, 23 Jul 1996 07:36:35 -0500
Message-Id: <199607231236.HAA09180@bulldog.afsc.k12.ar.us>
From: "J. Scott Ratchford, KC5JGV" <jratchf@bulldog.afsc.k12.ar.us>
To: <aprssig@tapr.org>

Subject: Re: [APRSSIG:3235] Re: WIDES and RELAYS only
Date: Tue, 23 Jul 1996 07:35:24 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1085
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

> Here in Kansas City we have some very definite topography problems.

That go double for here in the Ozarks!

> We intend to put up a "gap filler" RELAY somewhere in
> never-never land to fill this gap in coverage.

Aren't the QTH-APRS stations the saame as "gap filler"?

We have the same problems. Here we are using, the KC5JGV-10 digi aliased as WIDE,RELAY, and every QTH Unproto path as KC5JGV-10, WIDE, WIDE. Just about every QTH has a few pounds of dirt around them, so this works very well. We have yet to have a problem with the WIDE,WIDE setup. I think it is due to the hills. I'm sure that if we were all "hill topping" we would have to work those WIDEs down a bit.

This was all trial and error on our part and I am sure it is elsewhere. I have always asked the "local boys" to use relay vs. wide to start with and see if the net works. Luckily we have a good site at 2400 feet!

BTW, Jim, are you going to the Springfield Hamfest Aug. 3rd?

--

J. Scott Ratchford - KC5JGV - Marshall, Arkansas
* North Arkansas Amateur Radio Society, Inc.
* Marshall Volunteer Fire Dept./EMS First Responder
* Calf Creek Lodge #426
* E. Daniel Hardware "3 Fingers" Bourbon & Liars Club

From kirk@neptune.gsfc.nasa.gov Tue Jul 23 09:39:39 1996
Received: from wheelo.gsfc.nasa.gov (wheelo.gsfc.nasa.gov [128.183.50.20]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id JAA01832 for <aprssig@tapr.org>; Tue, 23 Jul 1996 09:39:37 -0500 (CDT)
Received: from neptune.gsfc.nasa.gov by wheelo.gsfc.nasa.gov (5.65/Ultrix3.0-C) id AA02673; Tue, 23 Jul 96 10:39:34 -0400
Received: by neptune.gsfc.nasa.gov (950911.SGI.8.6.12.PATCH825/920502.SGI) id KAA15302; Tue, 23 Jul 1996 10:42:55 -0400
Date: Tue, 23 Jul 1996 10:42:55 -0400 (EDT)
From: Bob Kirk <kirk@neptune.gsfc.nasa.gov>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3240] Please Help Me unsubscribe!
In-Reply-To: <9607230456.AA13784@trout.nosc.mil>
Message-Id: <Pine.SGI.3.91.960723103806.15144A-100000@neptune.gsfc.nasa.gov>

Mime-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Me, too.

i have only *very* slow email for the next 2 wks. Need
to drop for a while. I can't use the web to get to TAPR.
Bob Kirk

On Tue, 23 Jul 1996, Kevin Fontes wrote:

> Anyone Help!
> My e-mail box is overflowing! I need to unsubscribe for work purposes. Any
> help would be appreciated. Thanks Kevin Fontes.
>

From wa4dsy@wa4dsy.radio.org Tue Jul 23 09:54:26 1996
Received: from smtp-gw01.ny.us.ibm.net (smtp-gw01.ny.us.ibm.net [165.87.194.252])
by tapr.org (8.7.5/8.7.3/1.9) with SMTP id JAA02342 for <aprssig@tapr.org>; Tue,
23 Jul 1996 09:54:24 -0500 (CDT)
Received: (from uucp@localhost) by smtp-gw01.ny.us.ibm.net (8.6.9/8.6.9) id
OAA151891 for < aprssig@tapr.org>; Tue, 23 Jul 1996 14:54:20 GMT
Message-Id: <199607231454.OAA151891@smtp-gw01.ny.us.ibm.net>
Received: from wa4dsy-1.wa4dsy.radio.org(206.28.196.146) by smtp-
gw01.ny.us.ibm.net via smap (V1.3mjr)
id sma_1EDFW; Tue Jul 23 14:53:14 1996
Date: Tue, 23 Jul 96 10:53:08 EDT
From: wa4dsy@wa4dsy.radio.org (Dale Heatherington)
Reply-To: wa4dsy@wa4dsy.radio.org (Dale Heatherington)
To: aprssig@tapr.org
X-Mailer: Dale Heatherington's PMMail v1.1
Subject: APRS Internet server

Yesterday I kludged together a primitive APRS Internet server.
I sends anything it hears on 145.79 in Atlanta to all who connect
to tcp port 14579 from the Internet .

For Web Browsers: telnet://www.wa4dsy.radio.org:14579

For Stand alone telnet: telnet www.wa4dsy.radio.org 14579

Hit the <Esc> key to disconnect.

At this time it's set to handle a maximum of 30 users. This
number may be changed (up or down) depending on how
well it performs through my 56kb RF link. It's not too exciting
to watch raw APRS data so I don't expect too much activity.
Since this is the very first version it may be buggy or may
be down from time to time for modifications or enhancements.

This could become much more interesting when Steve Dimse
finishes his JavaAPRS. ;-)

Dale Heatherington, WA4DSY
e-mail - wa4dsy@wa4dsy.radio.org
e-mail - daheath@ibm.net (in case the first one doesn't work)
Web page - <http://www.wa4dsy.radio.org>
This message brought to you by OS/2 Warp Connect.

From bruninga@nadm.navy.mil Tue Jul 23 10:03:39 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id KAA02777 for <aprssig@tapr.org>; Tue, 23
Jul 1996 10:03:38 -0500 (CDT)
Received: (from bruninga@localhost) by arctic.nadm.navy.mil (8.6.12/8.6.12) id
LAA23769; Tue, 23 Jul 1996 11:08:30 -0400
Date: Tue, 23 Jul 1996 11:08:30 -0400 (EDT)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3230] Re: WIDES and RELAYS only
In-Reply-To: <19960722234534223.AAA62@rhost.itexas.net>
Message-ID: <Pine.SUN.3.91.960723110524.6707B-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 22 Jul 1996, Roy Bost wrote:

> Being new to APRS I must ask this question....when would a station call
> itself a WIDE? I am 35 miles SW of Ft.Worth, Tx and the most APRS station
> that I have ever seen in the Dallas-Ft Worth area is maybe 6-8 stations!
> What purpose does a WIDE serve in a thinly populated (with APRS stations)
> like ours? Infact even when the band is open I have not see a WIDE in TX.

APRSDOS REPLY COMMENT: Someone needs to install a high wide area
digipeater for APRS and give it the alias of WIDE. Then you can all
communicate using just the path of WIDE. But more importantly, at its
high altitude it may hear distant packets from other areas addressed via
WIDE. Since it will digipeat these, then all of you 6 or 8 stations will
see these DX packets and can communicate with them via WIDE,WIDE...

de wb4apr@amsat.org

From bruninga@nadm.navy.mil Tue Jul 23 10:25:35 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id KAA03695 for <aprssig@tapr.org>; Tue, 23
Jul 1996 10:25:26 -0500 (CDT)
Received: (from bruninga@localhost) by arctic.nadm.navy.mil (8.6.12/8.6.12) id
LAA25525; Tue, 23 Jul 1996 11:30:13 -0400
Date: Tue, 23 Jul 1996 11:30:12 -0400 (EDT)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org

Subject: Re: [APRSSIG:3235] Re: WIDES and RELAYS only
In-Reply-To: <199607230225.TAA18127@m1.sprynet.com>
Message-ID: <Pine.SUN.3.91.960723112653.6707E-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 22 Jul 1996 ku0g@sprynet.com wrote:

> Here in Kansas City we have some very definite topography problems. In
> particular there is an area along Interstate 29 north of the city where the
> land is particularly low. Neither the KC nor the St. Joseph WIDE digis
> get into the area. We intend to put up a "gap filler" RELAY somewhere in
> never-never land to fill this gap in coverage.
> Moral: There IS a valid need for prominent digis using both aliases.

APRSdos REPLY COMMENT: I would clarify that last sentence to say there
are valid applications for both types of digis, both WIDE-RELAYS and RELAYS.
(Remember that a WIDE these days is always presumed to also respond to
the alias of RELAY)

de wb4apr

From bruninga@nadn.navy.mil Tue Jul 23 10:39:18 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id KAA04186 for <aprssig@tapr.org>; Tue, 23
Jul 1996 10:39:11 -0500 (CDT)
Received: (from bruninga@localhost) by arctic.nadn.navy.mil (8.6.12/8.6.12) id
LAA26726; Tue, 23 Jul 1996 11:44:04 -0400
Date: Tue, 23 Jul 1996 11:44:04 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3241] Re: WIDES and RELAYS only
In-Reply-To: <199607231236.HAA09180@bulldog.afsc.k12.ar.us>
Message-ID: <Pine.SUN.3.91.960723113428.6707G-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 23 Jul 1996, J. Scott Ratchford, KC5JGV wrote:

> Aren't the QTH-APRS stations the saame as "gap filler"?

**** YES, exactly. The gap fillers are for areas where there are no home
stations on 24 hours a day...

> We have the same problems. Here we are using, the KC5JGV-10 digi aliased
> as WIDE,RELAY,

**** To be contextually correct, please refer to this as WIDE-RELAY to
imply a dual alias digi as opposed to WIDE,RELAY which implies a VIA PATH...

> and every QTH Unproto path as KC5JGV-10, WIDE, WIDE....

**** This is equivalent to W,W,W and will have LOTS of duplication if you have multiple WIDES in the area. But is acceptable if you don't see LOTS of dupes due to topography...

> This was all trial and error on our part and I am sure it is elsewhere. I
> have always asked the "local boys" to use relay vs. wide to start with and
> see if the net works. Luckily we have a good site at 2400 feet!

**** Again, only MOBILES are encouraged to use the RELAY,WIDE,WIDE path.. Fixed stations should not unless there is a specific reason to do so..

Again, using KC5GJV-10,WIDE,WIDE is no different than using WIDE,WIDE,WIDE.. If all you can hit is ONE WIDE on the first hop, then that is not too bad. If you are between two wides, you can do a WIDE,WIDE,XXXX which will get you out three hops in the direction towards XXXX and at least two hops in the opposite direction...

APRSdos REPLY COMMENT:

de wb4apr@amsat.org

From sproul@ap.org Tue Jul 23 10:50:48 1996

Received: from janus.ap.org (eos.ap.org [165.1.6.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id KAA04785 for <aprssig@tapr.org>; Tue, 23 Jul 1996 10:50:45 -0500 (CDT)

Received: from [165.1.27.20] by janus.ap.org (SMI-8.6/SMI-SVR4) id LAA23520; Tue, 23 Jul 1996 11:46:42 -0400

X-Sender: sproul@165.1.6.1

Message-Id: <v03007604ae1aa5e4da14@[165.1.27.20]>

In-Reply-To: <199607231454.0AA151891@smtp-gw01.ny.us.ibm.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Date: Tue, 23 Jul 1996 11:54:19 -0400

To: aprssig@tapr.org

From: Mark Sproul <sproul@ap.org>

Subject: Re: APRS Internet server

Cc: wa4dsy@wa4dsy.radio.org

>Yesterday I kludged together a primitive APRS Internet server.
>I sends anything it hears on 145.79 in Atlanta to all who connect
>to tcp port 14579 from the Internet .

>

>For Web Browsers: telnet://www.wa4dsy.radio.org:14579

>

>For Stand alone telnet: telnet www.wa4dsy.radio.org 14579

>

>Hit the <Esc> key to disconnect.

>

>At this time it's set to handle a maximum of 30 users. This
>number may be changed (up or down) depending on how
>well it performs through my 56kb RF link. It's not too exciting
>to watch raw APRS data so I don't expect too much activity.

>Since this is the very first version it may be buggy or may
>be down from time to time for modifications or enhancements.
>
>This could become much more interesting when Steve Dimse
>finishes his JavaAPRS. ;-)
>
>

MacAPRS will already work with a TCP socket via the Comm toolbox, however,
because of the non-standard port number, I cannot get it to work. I am
VERY interested in making this work correctly.

Mark

Mark Sproul	Amateur Radio: KB2ICI
Software Engineer @ Assoc Press	
sproul@ap.org	Work: 609-860-7120
North Brunswick, NJ	Fax: 609-860-7129
http://msproul.rutgers.edu/	

From byoung@qni.com Tue Jul 23 11:32:46 1996
Received: from qni.com (root@qni.com [206.29.114.4]) by tapr.org (8.7.5/8.7.3/1.9)
with SMTP id LAA06568 for <aprssig@tapr.org>; Tue, 23 Jul 1996 11:32:45 -0500
(CDT)
From: byoung@qni.com
Received: from [206.29.114.13] (s13.qni.com) by qni.com (5.x/SMI-SVR4)
id AA08238; Tue, 23 Jul 1996 11:33:39 -0500
Date: Tue, 23 Jul 1996 11:33:39 -0500
Message-Id: <9607231633.AA08238@qni.com>
Mime-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Subject: Re: [APRSSIG:3241] Re: WIDEs, RELAYs, and QTHs
To: aprssig@tapr.org
X-Mailer: SPRY Mail Version: 04.10.06.22

Scott and the group,

Regarding home APRS stations being "the filler" for an APRS network
beneficial to mobiles, you make a valid point because "typically"
they would be. However in the KC area there are very few home
stations besides Jim, myself, and one or two others that operate 24hrs
X 7days X 52wks. Many of the APRS users switch their stations on
around 2000 local time, which limits their usefulness to mobiles. In
fact, much of the time you can't count on being able to include a
specific station/digi in your UNPROTO due to "station bounce".

Bill Young
byoung@qni.com

KBOUZQ

From bruninga@nadm.navy.mil Tue Jul 23 12:16:51 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id MAA08732 for <aprssig@tapr.org>; Tue, 23
Jul 1996 12:16:48 -0500 (CDT)
Received: (from bruninga@localhost) by arctic.nadm.navy.mil (8.6.12/8.6.12) id
NAA06239; Tue, 23 Jul 1996 13:21:41 -0400
Date: Tue, 23 Jul 1996 13:21:41 -0400 (EDT)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: APRS via internet to Atlanta!
Message-ID: <Pine.SUN.3.91.960723130158.3921A-1000000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Dale WA4DSY is experimenting with an internet access to the APRS net in Atlanta. Although this is not the final mechanism, if you can reach your telnet service via a dumb terminal program, then you can use APRS to view the scene in Atlanta! I just tried it and saw W6PNC and WA4DSY mobiling around the city! See Dales earlier message.

Here is the ideam assuming you have a modem or LAN connected to your COMM port instead of a TNC and assuming you can access your TELNET provider using dumb terminal protocol...

Bring up APRS and perform these steps:

- 1) use CONTROLS-XMT to tell APRS to not send any packets
- 2) Access the OPS-COMM-TNC dumb terminal screen in APRS
- 3) Access your telnet service and telnet to www.wa4dsy.radio.org 14579
- 4) Eventually you will see some live packets...
- 5) ESCAPE back into APRS and you will begin to see the Atlanta picture as if you were there!!!

NOTE: Problem is that when you use the ESC character to ESCape back into APRS, APRS sends several commands to the TNC to re-configure it for CONVERSE mode with ECHO off etc... (also ESC is used by Dale to abort his program... So when I tried it with ESC, then it did not seem to work.. (or I did not wait long enough for a packet).

Anyway, however, alt-X (un documented) will also escape you from the APRS dumb terminal screen back into APRS but *without* sending any additional characters to an assumed TNC. Use this alt-X and it will work!

If you are curious about why the alt-X feature is in there, read an old WX.TXT file about remotely logging onto a remote TNC/WX combo...

Obviously, you have to maintian thsi conection for 10 minutes or so to get a good picture of what is going on in Atlanta, and this is very

inefficient, but it demonstrates the potential. Dale's site can only support 30 users so log off after a few minutes to give someone else a try.

I have asked Dale to re-program his interface so that it simply dumps a current backup file to the user so that you get a full APRS picture and all screens just as if you had done a FILES-LOAD command on your PC.

I will have to modify APRS though, so that it can load a backup file from the COMM port rather than from the disk.

This way each user is serviced in a few seconds so that Dale's interface can support hundreds of users a few seconds at a time instead of only 30 at up to 15 minutes each...

de wb4apr@amsat.org

From ki5vm@flash.net Tue Jul 23 13:07:54 1996

Received: from defiant (defiant.flash.net [208.194.223.9]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id NAA11095 for <aprssig@tapr.org>; Tue, 23 Jul 1996 13:07:52 -0500 (CDT)

Received: from ki5vm (dpm1-174.flash.net [208.194.205.174]) by defiant (8.6.12/8.6.9) with SMTP id NAA24626 for <aprssig@tapr.org>; Tue, 23 Jul 1996 13:07:41 -0500

Message-ID: <31F513EC.2574@flash.net>

Date: Tue, 23 Jul 1996 13:03:24 -0500

From: "David W. McNeil" <ki5vm@flash.net>

Organization: Flashnet Communications

X-Mailer: Mozilla 2.01KIT (Win95; U)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: Voice on 145.79 in Dallas.

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

I received a phone call today from another local APRS station (in the Dallas, Texas area) to inquire if I was getting strange symbols on my aprs screen.

Since I did not have aprs active at the time, I could not verify.

Listening on 145.79 there was a voice QSO in progress. I listened during the QSO for a call sign so that I might possibly contact the parties by phone. QSO ended, one party did not identify and the other party identified with a call sign of what appeared to be KF5NTS, a call which to my knowledge has not yet been issued, although the received signals were strong the "ID" was run through so fast it was nearly unintelligible.

Another local aprs station WX5M informed me that he has heard these voice transmissions almost daily.

I would ask that APRS stations in the Dallas area take note to see if these stations are in fact causing interference to APRS and to determine the call sign(s) of the station(s) so that they might be informed of APRS activities on 145.79.

TNX

de Dave KI5VM

From bob.hartman@wllo.com Tue Jul 23 13:28:02 1996
Received: from paonline.com (paonline.com [198.69.90.250]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id NAA11751 for <aprssig@tapr.org>; Tue, 23 Jul 1996
13:28:00 -0500 (CDT)
From: bob.hartman@wllo.com
Received: by wllo.com
id 0HJCQ001 Tue, 23 Jul 96 12:29:01 -0400
Message-ID: <9607231229.0HJCQ000@wllo.com>
Organization: WLIO Television [419.228.8835]
X-Mailer: TBBS/TIGER v1.0
Date: Tue, 23 Jul 96 12:29:01 -0400
Subject: [APRSSIG:3227] WIDES
To: aprssig@tapr.org

{stuff deleted}

> I realized why we may be having trouble making
> people understand the difference between a WIDE-RELAY and a RELAY
> digipeater...
{stuff deleted}
> Making it a WIDE would potentially cut overall channel throughput in
> the area by a factor of TWO (since it would repeat every WIDE packet
> that it hears). Not only would this gain nothing, it would
> SIGNIFICANTLY reduce channel capacity.

Let me pose a question for Bob and the others.

Since different areas have very different needs as far as WIDES and RELAYS, and it seems like most users (at least in my area, and from the sound of it, we are not in a unique situation) do not seem to pay attention to how many wides they stick in their unproto path, wouldn't an ideal solution be to investigate having the APRS code itself check for duplicated position reports, etc. and not relay them the second time if they have already sent them on once? This would even help out the WIDES if they were not stand-a-lone digis but rather connected to a computer running APRS. In other words, if someone near you transmitted with an unproto of relay, wide, wide but since "everybody" wants to be a WIDE, there are two (or more) within range of each other, they would not keep repeating the packet back and forth between them until they exhaust the number of wides in the packet. The APRS code would have to identify each packet from its UI header and only send on the ones that it had not already transmitted in a set period of time. Perhaps this is not possible, or I haven't thought this through enough, but if somehow, each station could filter and only send packets ahead once, then maybe we could call all digipeaters by the same name and then everyone could run the same unproto and perhaps limit how far their signals go by a mileage, similar to the query function, if they desire not to show up all over a network.

Comments?

<n8mwz@amsat.org>

... Bob.Hartman@wlio.com

___ Blue Wave/QWK v2.12

From dwetzel@uswest.com Tue Jul 23 13:49:19 1996

Received: from uswgco3.uswc.uswest.com (uswgco3.uswest.com [206.196.133.82]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id NAA12507 for <aprssig@tapr.org>; Tue, 23 Jul 1996 13:49:12 -0500 (CDT)

Received: from egate.mnet.uswest.com (egate.mnet.uswest.com [151.116.23.138]) by uswgco3.uswc.uswest.com (8.7.5/8.7.3) with ESMTP id MAA16342 for <aprssig@tapr.org>; Tue, 23 Jul 1996 12:48:55 -0600 (MDT)

Received: from easthub (easthub.mnet.uswest.com [151.117.26.86]) by egate.mnet.uswest.com (8.7.1/8.7.1) with SMTP id MAA00357 for <aprssig@tapr.org>; Tue, 23 Jul 1996 12:48:53 -0600 (MDT)

Received: by easthub.mnet.uswest.com (M-Net Hub.951228)

Received: by acs.uswest.com (5.x/SMI-SVR4)

id AA18368; Tue, 23 Jul 1996 13:48:51 -0500

From: dwetzel@uswest.com (Douglas Wetzel)

Received: from acmspgw1.mnet.uswest.com by acs.uswest.com (5.x/SMI-SVR4)

id AA18354; Tue, 23 Jul 1996 13:48:35 -0500

Received: from ccMail by acmspgw1.mnet.uswest.com

(IMA Internet Exchange 2.02 Enterprise) id 1F51EE60; Tue, 23 Jul 96 13:50:14 -0500

Mime-Version: 1.0

Date: Tue, 23 Jul 1996 12:45:42 -0500

Message-Id: <1F51EE60.1262@acmspgw1.mnet.uswest.com>

Subject: WIDEs and RELAYs

To: aprssig@tapr.org

Content-Type: text/plain; charset=US-ASCII

Content-Transfer-Encoding: 7bit

Content-Description: cc:Mail note part

Hmm. After watching this discussion, and observing our new KPC-3 based WIDE, I'm now puzzled. With aliases of both RELAY and WIDE, anytime an unproto path of RELAY,WIDE appears to the digi, it repeats a packet for both RELAY and WIDE (2 packets). That leads to a couple of questions:

1. Is it normal for a digi (at least a KPC-3) with two aliases to digi twice when both aliases appear consecutively in an unproto path, or have I missed something in the KPC setup?
2. What happens if the unproto path is RELAY,WIDE,WIDE? I can find this out tonight when I go work on the machine, but perhaps someone on the sig can answer out of hand.
3. Does the overall coverage area of the WIDE influence the desirability of a RELAY alias? With mountain top digis hearing over a 75-100 mile radius, the RELAY gap-filler approach would seem to make more sense than having a mountain top (or more than one) squawking with every RELAY packet launched.

Thanks!

Doug
KC7CO
Radio Free Utah

From jrchf@bulldog.afsc.k12.ar.us Tue Jul 23 14:33:58 1996
Received: from bulldog.afsc.k12.ar.us (root@[170.211.157.174]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id OAA14474 for <aprssig@tapr.org>; Tue, 23 Jul 1996
14:33:55 -0500 (CDT)
Received: from jrchf.bulldog.afsc.k12.ar.us (slip2.afsc.k12.ar.us
[170.211.157.176]) by bulldog.afsc.k12.ar.us (8.6.11/8.6.9) with SMTP id OAA13868
for <aprssig@tapr.org>; Tue, 23 Jul 1996 14:33:50 -0500
Message-Id: <199607231933.OAA13868@bulldog.afsc.k12.ar.us>
From: "J. Scott Ratchford, KC5JGV" <jrchf@bulldog.afsc.k12.ar.us>
To: <aprssig@tapr.org>
Subject: Re: [APRSSIG:3248] Re: WIDEs, RELAYs, and QTHs
Date: Tue, 23 Jul 1996 14:32:39 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1085
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

> From: byoung@qni.com
> Regarding home APRS stations being "the filler" for an APRS network
> beneficial to mobiles, you make a valid point because "typically"
> they would be. However in the KC area there are very few home
> stations besides Jim, myself, and one or two others that operate 24hrs
> X 7days X 52wks. Many of the APRS users switch their stations on
> around 2000 local time, which limits their usefulness to mobiles. In
> fact, much of the time you can't count on being able to include a
> specific station/digi in your UNPROTO due to "station bounce".
>
> Bill Young
> byoung@qni.com
> KB0UZQ

Hi Bill,
You will find that here in the South there is "one" 24hr/7da/52wk
station. Mine! Anyhoo, I see the two KC QTH's and mobile stations and MCI
nearly everyday. Last night was very interesting in that three stations in
Iowa came in hours before KC. And, of course, the St. Louis stations are
booming in quite regularly.

One point, Bill and Bob, that has been left out of this on-going
conversation is the amount of power transmitted at the digis. I use the
MFJ data radio with all its 5-8 watts at the QTH and Mobile and an ICOM
IC-22A (I think that's right) crystal 7 watt radio as the digi. Distance
from QTH to Digi is 45 miles, line of sight. Anyway the point here is too
much power at the digi, or QTH for that matter, can cause a lot of
problems as well.

--

J. Scott Ratchford - KC5JGV - Marshall, Arkansas
* North Arkansas Amateur Radio Society, Inc.
* Marshall Volunteer Fire Dept./EMS First Responder
* Calf Creek Lodge #426
* E. Daniel Hardware "3 Fingers" Bourbon & Liars Club

From jbaum@freenet.columbus.oh.us Tue Jul 23 14:56:37 1996
Received: from ronco-i.freenet.columbus.oh.us (ronco.freenet.columbus.oh.us [164.107.107.13]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id OAA16253 for <aprssig@tapr.org>; Tue, 23 Jul 1996 14:56:36 -0500 (CDT)
Received: from login by ronco-i.freenet.columbus.oh.us (8.7.5/5.960408) id JAA00999; Sun, 21 Jul 1996 09:54:52 -0400 (EDT)
Received: by login (8.6.10) id JAA00760; Sun, 21 Jul 1996 09:54:53 -0400
Date: Sun, 21 Jul 1996 09:52:53 -0400 (EDT)
From: John Baum <jbaum@freenet.columbus.oh.us>
Subject: San Diego Freq one more time
To: aprs sig <aprssig@tapr.org>
Message-ID: <Pine.3.07.9607210953.A437-9100000@login>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Mr Murphy has been hard at work this weekend. My mailserver has been down from late friday night until this morning - (Sunday) I missed any replys about San Diego APRS Freqs. Please repost. Plane leaves in 7 hours. (TWA of course...)

John Baum - KB8JX0 - Sysop APRS OHIO LLBBS (614) 443-4249
Cruise Missile Address: 39 56.35 N 082 58.89 W
Semi-Co-owner of HOOT - Columbus Ohio's BiWeekly Humor Newspaper

From bruninga@nadm.navy.mil Tue Jul 23 15:18:26 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id PAA17596 for <aprssig@tapr.org>; Tue, 23 Jul 1996 15:17:09 -0500 (CDT)
Received: (from bruninga@localhost) by arctic.nadm.navy.mil (8.6.12/8.6.12) id QAA21987; Tue, 23 Jul 1996 16:22:03 -0400
Date: Tue, 23 Jul 1996 16:22:03 -0400 (EDT)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3250] Voice on 145.79 in Dallas.
In-Reply-To: <31F513EC.2574@flash.net>
Message-ID: <Pine.SUN.3.91.960723161638.21217A-1000000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 23 Jul 1996, David W. McNeil wrote:

> Listening on 145.79 there was a voice QSO in progress. I listened during
> these stations are in fact causing interference to APRS and to determine
> the callsign(s) of the station(s) so that they might be informed of APRS
> activities on 145.79.

APRSdos REPLY COMMENT: Excellent opportunity to use the OMNI-DF function
of APRS!

1) put out an APRS bulletin asking everyone to insert an APRS OMNI DF REPORT
when they hear the voices.

2) Everyone (Even if you don't hear the voices when they are active!!!)
do an INPUT-DF report. Enter your subjective assessment of the relative
signal strength. Entries of ZERO are equally important if you cannot
hear the station.

3) Do a MAPS-PLOTS-DF command and you will see the colored intersecting
signal strength contours. The black circles block out all the areas
where the station is *not*. The area of the maximum *intersection* of
the colored circles is the location of the voice station...

de wb4apr@amsat.org

From bruninga@nadm.navy.mil Tue Jul 23 15:21:29 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id PAA18057 for <aprssig@tapr.org>; Tue, 23
Jul 1996 15:20:13 -0500 (CDT)
Received: (from bruninga@localhost) by arctic.nadm.navy.mil (8.6.12/8.6.12) id
QAA22130; Tue, 23 Jul 1996 16:25:05 -0400
Date: Tue, 23 Jul 1996 16:25:05 -0400 (EDT)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3251] WIDES
In-Reply-To: <9607231229.0HJCQ00@wlio.com>
Message-ID: <Pine.SUN.3.91.960723162259.21217B-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 23 Jul 1996 bob.hartman@wlio.com wrote:

> Let me pose a question for Bob and the others.
> Since different areas have very different needs as far as WIDES and
>
> wouldn't an ideal solution be to investigate having the APRS code
> itself check for duplicated position reports, etc. and not relay them
> the second time if they have already sent them on once? This would

APRSdos REPLY COMMENT: Nice try. APRS has nothing to do with ANY
digipeating or GATEwaying function. That is all done by a TNC
independent of APRS. Digipeaters don't even have a PC running APRS...

de wb4apr@amsat.org

From fehner@cts.com Tue Jul 23 15:25:32 1996
Received: from burnout.cts.com (root@burnout.cts.com [205.163.23.25]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id PAA18220 for <aprssig@tapr.org>; Tue, 23 Jul 1996 15:25:30 -0500 (CDT)
Received: from fehnercom.cts.com (fehnercom.cts.com [198.68.171.229]) by burnout.cts.com (8.6.12/8.6.9) with SMTP id NAA20773 for <aprssig@tapr.org>; Tue, 23 Jul 1996 13:25:27 -0700
Message-Id: <2.2.32.19960723202633.006b3d6c@mail.cts.com>
X-Sender: fehner@mail.cts.com
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Tue, 23 Jul 1996 13:26:33 -0700
To: aprssig@tapr.org
From: Barbara Fehner <fehner@cts.com>
Subject: Re: [APRSSIG:3231] San Diego Freq - Again

Use 145.79 with wide,wide in the unproto path. This will get you from Mexican border to LA. There is a HF Gate available also. Here is a WWW link to information about San Diego.

<http://www.sandiego-online.com/issues/main.htm>

Barbara KK6IB
E-Mail: fehner@cts.com

At 07:05 PM 7/22/96 -0500, you wrote:

>
> In my company's infinte wisdom, they have decided to fly my rear
>end out to San Diego this weekend. Hopefuuly I'll find time to fire up the
>rented laptop and put my beacon out at nights.
> Unfortunately, I never wrote down which freq is used. Could someone
>please repost it for me.

>
> On a more serious note, I plan on taking the APRS OHIO LLBBS down
>for good the first part of August. Activity on the BBS has equalled about
>one call every other day sense the last part of May.

>
>John Baum - KB8JX0 - Sysop APRS OHIO LLBBS (614) 443-4249
>Cruise Missile Address: 39 56.35 N 082 58.89 W
>Semi-Co-owner of HOOT - Columbus Ohio's BiWeekly Humor Newspaper
>

From bruninga@nadm.navy.mil Tue Jul 23 15:50:28 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id PAA20245 for <aprssig@tapr.org>; Tue, 23 Jul 1996 15:49:09 -0500 (CDT)
Received: (from bruninga@localhost) by arctic.nadm.navy.mil (8.6.12/8.6.12) id QAA23729; Tue, 23 Jul 1996 16:54:03 -0400
Date: Tue, 23 Jul 1996 16:54:02 -0400 (EDT)

From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: BIG problem with MFJ data radios as DIGIS
In-Reply-To: <1F51EE60.1262@acmspgw1.mnet.uswest.com>
Message-ID: <Pine.SUN.3.91.960723162550.21217C-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 23 Jul 1996, Douglas Wetzel wrote:

> Hmm. After watching this discussion, and observing our new KPC-3 based
> WIDE, I'm now puzzled. With aliases of both RELAY and WIDE, anytime
> an unproto path of RELAY,WIDE appears to the digi, it repeats a packet
> for both RELAY and WIDE (2 packets)....

***** APRS REPLY: I certainly hope not!

The TNC will only digipeat the *1st* unused callsign (RELAY). It should NOT hear its own transmission and therefore will not digipeat its own transmitted packet (via WIDE).

***** BUT, if the monitor-my-xmt is enabled (I cant find the exact command in my TNC manual) then your TNC will hear itself and it will digipeat ITSELF!!!!!!!!!!!!!! Be sure this command is off!

***** WARNING!! Also if you use an MFJ data radio, whos receiver is always ON even on TRANSMIT, then the TNC will also ALWAYS hear its own packets and will DIGIPEATE ITS OWN PACKETS! Argh!

I have asked the TNC MFRS to provide a MUTE command that tells the TNC to never process any RECEIVED audio WHILE its PTT is down. This solves the problem, but I have not been able to get them to realize its importance. It is only a problem in APRS where a TNC transmits via GENERIC digipeater callsigns of which it is one! This is a BRICKWALL problem in the MFJ data radio and an CB radio.

de wb4apr@amsat.org

From bruninga@nadn.navy.mil Tue Jul 23 15:56:31 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id PAA20848 for <aprssig@tapr.org>; Tue, 23 Jul 1996 15:55:12 -0500 (CDT)
Received: (from bruninga@localhost) by arctic.nadn.navy.mil (8.6.12/8.6.12) id RAA23921; Tue, 23 Jul 1996 17:00:05 -0400
Date: Tue, 23 Jul 1996 17:00:05 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3252] WIDEs and RELAYs
In-Reply-To: <1F51EE60.1262@acmspgw1.mnet.uswest.com>
Message-ID: <Pine.SUN.3.91.960723165407.21217D-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 23 Jul 1996, Douglas Wetzel wrote:

> Hmm. After watching this discussion, and observing our new KPC-3 based
> WIDE, I'm now puzzled. With aliases of both RELAY and WIDE, anytime...
>
> 3. Does the overall coverage area of the WIDE influence the desirability
> of a RELAY alias? With mountain top digis hearing over a 75-100 mile
> radius, the RELAY gap-filler approach would seem to make more sense than
> having a mountain top (or more than one) squawking with every RELAY
> packet launched.

APRSDOS REPLY COMMENT: Not a problem, since the DIGI and maybe one or 2
home stations that also hear the original packet will usually all key
up at the same time. Only the DIGI will be heard by 99% of the listeners...

If the big WIDE did not have the second alias of RELAY, though, that poor
mobile could be anywhere within the range of the big WIDE and be ignored!
since the mobile is using the RELAY call as his first hop...

de wb4apr@amsat.org

From gwyn@paccomm.com Tue Jul 23 16:10:06 1996
Received: from paccomm.com (paccomm.com [163.125.30.1]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id QAA21858 for <aprssig@tapr.org>; Tue, 23 Jul 1996
16:10:03 -0500 (CDT)
Received: from gwyn.paccomm.com by paccomm.com with smtp
(Smail3.1.29.1 #1) id m0ui0iU-000FSAC; Tue, 23 Jul 96 17:10 EDT
Received: by gwyn.paccomm.com with Microsoft Mail
id <01BB78B9.B19908E0@gwyn.paccomm.com>; Tue, 23 Jul 1996 17:09:22 -0400
Message-ID: <01BB78B9.B19908E0@gwyn.paccomm.com>
From: Gwyn Reedy <gwyn@paccomm.com>
To: "'dwetzel@uswest.com'" <dwetzel@uswest.com>
Cc: "'aprssig@tapr.org'" <aprssig@tapr.org>
Subject: FW: [APRSSIG:3252] WIDEs and RELAYs
Date: Tue, 23 Jul 1996 17:09:20 -0400
Encoding: 23 TEXT

From: Douglas Wetzel[SMTP:dwetzel@uswest.com]

1. Is it normal for a digi (at least a KPC-3) with two aliases to digi
twice
when both aliases appear consecutively in an unproto path, or have I missed
something in the KPC setup?

I certainly can't speak for Kantronics, but in case of the PacComm units
with multiple aliases, the callsigns are taken in sequence. For example, if
a frame is addressed via digi1, digi2 then the tnc would look at digi1 to
see if it matches any of the TNC's aliases. It would not look at digi2
callsign at all unless the 'has been repeated' bit was set on digi1.

If digi1 does indeed match one of the TNC's callsigns, it would be repeated. Note that the TNC would not hear the repeated frame, therefore it would not get the chance to see if digi2 is one of its callsigns.

Now if there was a digi3 following digi2, then it would take a crack at that.

From christen@codger.physics.duq.edu Tue Jul 23 17:27:13 1996
Received: from infobahn.icubed.com (infobahn.icubed.com [199.234.114.2]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id RAA25817 for <aprssig@tapr.org>; Tue, 23 Jul 1996 17:27:11 -0500 (CDT)
Received: from wm21.icubed.com by infobahn.icubed.com; (5.65/1.1.8.2/25Jun95-1044PM)
id AA14301; Tue, 23 Jul 1996 18:23:58 -0400
Sender: paul@infobahn.icubed.com
Message-Id: <31F55033.4A8F7BF9@codger.physics.duq.edu>
Date: Tue, 23 Jul 1996 18:20:35 -0400
From: "Paul Christenson [N3EOP]" <christen@codger.physics.duq.edu>
Organization: Duquesne University Amateur Radio Club
X-Mailer: Mozilla 3.0b4Gold (X11; I; Linux 1.2.13 i486)
Mime-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3258] BIG problem with MFJ data radios as DIGIS
References: <Pine.SUN.3.91.960723162550.21217C-1000000@arctic>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bob Bruninga wrote:

> ***** WARNING!! Also if you use an MFJ data radio, whos receiver is
> always ON even on TRANSMIT, then the TNC will also ALWAYS hear its own
> packets and will DIGIPEATE ITS OWN PACKETS! Argh!
>
> I have asked the TNC MFRS to provide a MUTE command that tells the TNC to
> never process any RECEIVED audio WHILE its PTT is down. This solves the
> problem, but I have not been able to get them to realize its importance.

Seems to me that you should be able to use a transistor to pull the audio line to ground, using the PTT line as the swtch. (Or, a fast reed relay.)

From ku0g@sprynet.com Tue Jul 23 17:49:23 1996
Received: from m1.sprynet.com (m1.sprynet.com [165.121.1.97]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id RAA27067 for <aprssig@tapr.org>; Tue, 23 Jul 1996 17:49:20 -0500 (CDT)
From: ku0g@sprynet.com
Received: from [199.174.156.86] (dd14-086.compuserve.com [199.174.156.86]) by m1.sprynet.com (8.6.12/8.6.12) with SMTP id PAA11436 for <aprssig@tapr.org>; Tue, 23 Jul 1996 15:46:57 -0700
Date: Tue, 23 Jul 1996 15:46:57 -0700
Message-Id: <199607232246.PAA11436@m1.sprynet.com>

MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Subject: Re: [APRSSIG:3241] Re: WIDES and RELAYS only
To: aprssig@tapr.org
In-Reply-To: <199607231236.HAA09180@bulldog.afsc.k12.ar.us>
X-Mailer: SPRY Mail Version: 04.00.06.21

August 3rd is my mom's birthday. I wasn't even aware of the hamfest until your message. Wish I'd have known earlier, I'd have tried to set up a demonstration booth!!!

Best 73,
Jim Duncan, KU0G
APRS--Kansas City Coordinator
EMail: ku0g@sprynet.com

From n2czf@magg.net Tue Jul 23 17:54:24 1996
Received: from grumpy.magg.net (root@grumpy.magg.net [205.218.112.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id RAA27206 for <aprssig@tapr.org>; Tue, 23 Jul 1996 17:54:21 -0500 (CDT)
Received: from Cybergate (wpb-151.magg.net [205.218.112.151]) by grumpy.magg.net (8.7.5/8.7.3) with SMTP id SAA07249 for <aprssig@tapr.org>; Tue, 23 Jul 1996 18:49:44 -0400
Date: Tue, 23 Jul 1996 18:49:44 -0400
Message-Id: <199607232249.SAA07249@grumpy.magg.net>
X-Sender: n2czf@magg.net
X-Mailer: Windows Eudora Version 1.4.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: n2czf@magg.net (Richard Garcia)
Subject: Re: [APRSSIG:3245] Re: WIDES and RELAYS only

>APRSDOS REPLY COMMENT: I would clarify that last sentence to say there
>are valid applications for both types of digis, both WIDE-RELAYS and RELAYS.
>(Remember that a WIDE these days is always presumed to also respond to
>the alias of RELAY)
>
>de wb4apr

As a stout supporter of the proper use of WIDE's and placement I got to admit that I do disagree with one thing above, we should not assume that all WIDE's are RELAYS also.

It is not that I do not agree that a WIDE if it has the capability to act as a RELAY should it is that many TNC's will not accept two aliases. I do not know of any TNC other than the new PacComm Pico's and Kantronics KPC-3 that will do this and there are A LOT MORE TNC's out there than those two.

I for one will not go out and spend money on a new TNC just to have it handle two aliases. Many also wish to set up a digi with surplus equipment

and most of this stuff is too old to even have NEMA let alone 2 aliases. Now if the TNC-2 Code (all the clones) would have dual aliases I would consider springing \$15 for a new chip but that is about it. At least for me with a digi actually on the Beach in Florida the chances for a lightning strike are far too great to dish out cash for new equipment. The stuff I have up now has served for many years and has been replaced at home with more modern equipment. If it blows away in a Hurricane or get's smoked my lighting at least it will die a proud death as all amateur equipment should AFTER have serving as primary equipment.

The point is we should not EXPECT all WIDE's to be WIDE-RELAY until there is support from all the TNC makers for such a code. When that happens it is much more reasonable to expect someone to spend \$15-\$20 for a chip instead of a MINIMUM \$130 for a TNC.

73's Rich N2CZF
n2czf@magg.net
<http://www.magg.net/~n2czf> (Personal)
<http://www.magg.net/~n2czf/aprs.html> (Florida APRS)
Jupiter Farms Florida EL96

From N2ZRC@gnn.com Tue Jul 23 18:58:03 1996
Received: from mail-e2b-service.gnn.com (mail-e2b-service.gnn.com [204.148.102.170]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id SAA29515 for <APRSSIG@tapr.org>; Tue, 23 Jul 1996 18:58:01 -0500 (CDT)
Received: from 49-16.client.gnn.com. (49-16.client.gnn.com [205.188.49.16]) by mail-e2b-service.gnn.com (8.7.1/8.6.9) with SMTP id TAA04564 for <APRSSIG@tapr.org>; Tue, 23 Jul 1996 19:57:22 -0400 (EDT)
Message-Id: <199607232357.TAA04564@mail-e2b-service.gnn.com>
X-Mailer: GNNmessenger 1.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Tue, 23 Jul 1996 19:57:44
From: Arte Booten <N2ZRC@gnn.com>
To: APRSSIG@tapr.org
Subject: QRM Busting (was Re:Voice on 145.79 in Dallas.)

Hi All,

On Tue, 23 Jul David W. McNeil wrote:

>...Listening on 145.79 there was a voice QSO in progress...

Several months ago I experienced the same situation here in the New York City area, where unoccupied frequencies are a rarity. I monitored their QSO for a few minutes until they ID'd and dropped my callsign (voice.) I then explained APRS to them briefly, said that the frequency (145.79) was used for it in this area and could they kindly please QSY. They agreed that the "bandplan" for this area lists the frequency for use with "experimental modes," thanked me for the information and QSY'd promptly.

Of course, these two fine gentlemen were obviously licensed hams and respected the gentlemen's agreement we all refer to as "The Bandplan." There is always the possibility of running into an unlicensed individual (I'm being nice!) that will promptly chop you off at the knees with the type of language one would expect on the Chicken Band. This type of QRM'er must be handled differently.

There are two methods of doing this:

M E T H O D O N E

1. Try to DF the offending stations as best as possible. Document your efforts, their transmissions, the times they operate, possibly get RF "fingerprints" of their rigs (I'm willing to bet they're HTX-202's!)
2. Bring this information to your local ARRL Official Observer and continue documenting as above in conjunction with him/her so a case can be presented to the FCC for prosecution.

M E T H O D T W O

1. Whenever the offending station(s) are on the air, aim your beam at their signals.
2. As soon as one of them keys their radio, key yours with an open carrier for the duration of their transmission. Use more power than their dinky H-T.
3. When the next station starts to transmit, repeat step 2.
4. Every few minutes, give them a chance to get QSY info to each other. If you don't hear them doing so, go to step 2.

I realize this is not the "Legal" thing to do. To some it may sound childish. But I can tell you from practical experience that it is effective. If these unlicensed persons can't communicate on a given frequency they'll go someplace else. A local repeater in my area was having this problem. The pirates were transmitting 5 KHz off the repeater's input. Since the majority of this machine's users were significantly farther north, the stations causing QRM couldn't hear that they were on the input. As I could hear THEM full scale, I blasted them off the frequency.

I did not do this "cold." I, and others, tried many times to explain the situation to them. In every instance they promised to QSY promptly and then promptly FAILED to do so. They were DF'd, monitored, logged and reported to the OO's. Nonetheless, the QRM continued. The actions I took to cause them

to QSY were only used as a "last resort." If the 00's were to come to visit ME, I'd tell them I was testing my equipment and my mike must have been broken.

Perhaps this is a bit simplistic. However, drastic situations can occasionally call for drastic measures. This technique's not PRETTY but it WORKS! Here in The Big Apple sometimes we have to take matters into our own hands in order to get the desired results. This is not a genteel municipality and sometimes things must be handled accordingly.

I expect to receive MUCH flaming for this. I KNEW it'd be a hot (sorry for the pun) topic but I stand by this action. When your nets are unintelligible for weeks at a time and you have exhausted all the "Legal" possibilities, other options must come into play. Did I sink down to their level? Maybe. DID THEY QSY? YES! A means to an end. Nothing more or less.
73 de

Arte Booten <N2ZRC@gnn.com>(preferred) or <N2ZRC@aol.com>(if necessary)
(Packet Radio: N2ZRC@KB2VLX.#BRONX.NY.USA.NA)
[Cruise Missile Coordinates: 40 52.69N / 073 54.06W]

Set coordinates 2-7-1, Chewbacca...

From bruninga@nadm.navy.mil Tue Jul 23 19:08:36 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id TAA00279 for <aprssig@tapr.org>; Tue, 23 Jul 1996 19:07:20 -0500 (CDT)
Received: (from bruninga@localhost) by arctic.nadm.navy.mil (8.6.12/8.6.12) id UAA27398; Tue, 23 Jul 1996 20:12:15 -0400
Date: Tue, 23 Jul 1996 20:12:15 -0400 (EDT)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3261] Re: BIG problem with MFJ data radios as DIGIS
In-Reply-To: <31F55033.4A8F7BF9@codger.physics.duq.edu>
Message-ID: <Pine.SUN.3.91.960723200906.26787A-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 23 Jul 1996, Paul Christenson [N3EOP] wrote about the APR comment:

> > ***** WARNING!! Also if you use an MFJ data radio, whos receiver is
> > always ON even on TRANSMIT, then the TNC will also ALWAYS hear its own
> > packets and will DIGIPEATE ITS OWN PACKETS! Argh!
>
> Seems to me that you should be able to use a transistor to pull the audio
> line to ground, using the PTT line as the switch.

APRSDos REPLY COMMENT: Exactly. Yes, I have already installed 5 of these PTT mute transistors in TNCs for just this problem. But what a PAIN, hi hi

A TNC software command would be much better...

de wb4apr@amsat.org

From bruninga@nadm.navy.mil Tue Jul 23 19:20:47 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id TAA00883 for <aprssig@tapr.org>; Tue, 23
Jul 1996 19:19:31 -0500 (CDT)
Received: (from bruninga@localhost) by arctic.nadm.navy.mil (8.6.12/8.6.12) id
UAA27559; Tue, 23 Jul 1996 20:24:26 -0400
Date: Tue, 23 Jul 1996 20:24:26 -0400 (EDT)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3263] Re: WIDES and RELAYS only
In-Reply-To: <199607232249.SAA07249@grumpy.magg.net>
Message-ID: <Pine.SUN.3.91.960723201331.26787B-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 23 Jul 1996, someone wrote:

> As a stout supporter of the proper use of WIDE's and placement I ...
> disagree that we should assume that all WIDE's are RELAYS also.
> I for one will not go out and spend money on a new TNC just to have it
> handle two aliases. Now... if the TNC-2 Code (all the clones) would
> have dual aliases I would consider springing \$15 for a new chip but
> that is about it.

APRSDos REPLY COMMENT: Im sure PacComm would include it in a new ROM
for the venerable Tiny-2 and other TAPR-2 TNC's if people would pay
the nominal ROM upgrade charge. But how many HAMS would just get
one ROM and then duplicate the ROM? I doubt that PacComm ever recovers
their investment in a new ROM release, Manual changes, and the
forever bitching from cheap HAMS, hi hi.... (grin)

PacComm, Are you listening Gwyn? We need the dual alias in TAPR-2 ROMS
now...

de wb4apr@amsat.org

From wmwalker@village.yvv.com Tue Jul 23 19:28:17 1996
Received: from yvv.com (village.yvv.com [207.41.8.10]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id TAA01202 for <aprssig@tapr.org>; Tue, 23 Jul 1996
19:28:16 -0500 (CDT)
Received: from Warren Walker by yvv.com (SMI-8.6/SMI-SVR4)
id UAA06701; Tue, 23 Jul 1996 20:28:14 -0400
Message-Id: <199607240028.UAA06701@yvv.com>
From: "Warren M. Walker" <wmwalker@village.yvv.com>
To: "aprssig@tapr.org" <aprssig@tapr.org>
Subject: RE: [APRSSIG:3243] APRS Internet server
Date: Tue, 23 Jul 1996 20:24:50 -0400
X-MSMail-Priority: Normal

X-Priority: 3
X-Mailer: Microsoft Internet Mail
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Good work Dale!

I spent a bit of time just watching the packets then tried to write a socket utility for a comm port capture. Works ok with Prowin but WinAPRS doesn't like the pseudo port. This might be useful if I can get it to work.

Just what I need... A new challange ..

Thanks again!

Warren (N8VNL) Lost somewhere in Ohio.

> Yesterday I kludged together a primitive APRS Internet server.
> I sends anything it hears on 145.79 in Atlanta to all who connect
> to tcp port 14579 from the Internet .
>
> For Web Browsers: telnet://www.wa4dsy.radio.org:14579
>
> For Stand alone telnet: telnet www.wa4dsy.radio.org 14579
>
> Hit the <Esc> key to disconnect.
>
> At this time it's set to handle a maximum of 30 users. This
> number may be changed (up or down) depending on how
> well it performs through my 56kb RF link. It's not too exciting
> to watch raw APRS data so I don't expect too much activity.
> Since this is the very first version it may be buggy or may
> be down from time to time for modifications or enhancments.
>
> This could become much more interesting when Steve Dimse
> finishes his JavaAPRS. ;-)
>
>
>
> Dale Heatherington, WA4DSY
> e-mail - wa4dsy@wa4dsy.radio.org
> e-mail - daheath@ibm.net (in case the first one doesn't work)
> Web page - http://www.wa4dsy.radio.org
> This message brought to you by OS/2 Warp Connect.
>
>
>

From sdimse@bridge.net Tue Jul 23 20:11:16 1996
Received: from relay5.UU.NET (relay5.UU.NET [192.48.96.15]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id UAA03596 for <aprssig@tapr.org>; Tue, 23 Jul 1996
20:11:14 -0500 (CDT)
Received: from bridge.net by relay5.UU.NET with ESMTP

(peer crosschecked as: newworld.bridge.net [204.253.4.4])
id QQazrg17864; Tue, 23 Jul 1996 21:11:13 -0400 (EDT)
Received: from (ppp-mia5-176.bridge.net [207.16.5.176]) by bridge.net
(8.7.5/8.7.3) with SMTP id VAA11600 for <aprssig@tapr.org>; Tue, 23 Jul 1996
21:08:19 -0400 (EDT)
Message-Id: <199607240108.VAA11600@bridge.net>
Subject: Re: [APRSSIG:3243] APRS Internet server
Date: Tue, 23 Jul 96 21:11:14 -0400
x-sender: sdimse@mail.bridge.net
x-mailer: Claris Emailer 1.1
From: Steve Dimse <sdimse@bridge.net>
To: <aprssig@tapr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

>At this time it's set to handle a maximum of 30 users. This
>number may be changed (up or down) depending on how
>well it performs through my 56kb RF link. It's not too exciting
>to watch raw APRS data so I don't expect too much activity.
>Since this is the very first version it may be buggy or may
>be down from time to time for modifications or enhancements.

>
>This could become much more interesting when Steve Dimse
>finishes his JavaAPRS. ;-)
>

I have it connected to javAPRS now...works great. Problem is you need an
applet viewer that lets you disable network security. It runs under Cafe
for mac, not under MetroWerks. Haven't tried Sun yet. If (I'm sure he
will) Dale puts it on his server, all you'll need is Netscape!

73 de Steve

From gregs@twave.net Tue Jul 23 20:55:20 1996
Received: from gecho.twave.net (twave.net [206.100.228.5]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id UAA05860 for <aprssig@tapr.org>; Tue, 23 Jul 1996
20:55:18 -0500 (CDT)
Received: from [206.100.228.61] by gecho.twave.net (NTMail 3.02.07) with ESMTP id
ra052017 for <aprssig@tapr.org>; Tue, 23 Jul 1996 21:55:05 -0400
Message-ID: <31F5823B.26A3@twave.net>
Date: Tue, 23 Jul 1996 21:54:03 -0400
From: gsellers <gregs@twave.net>
Organization: ARES
X-Mailer: Mozilla 2.01Gold (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3163] WinAPRS in August CQ VHF
References: <31EEECF2.2D1@flo-bin.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ken Mirabella wrote:

>
> Did anyone ekse catch the article about WinAPRS and APRS in the August

> CQ VHF magazine. If not it is very favorable to the Sprouls, Bob
> Bruninga and APRS in general. The author is Don Rotolo, N2IRZ.
>
> 73 de KM6YH

Hi Ken,

I enjoyed the article also..Just waiting for sum "final" improvements to winAPRS before upgrading to it..Just like I did upgrading from win3.1 to win 95..Prbly the difference btwn nite es day, hi..

73 de Greg WB4HRR

From K6QL@aol.com Tue Jul 23 21:14:25 1996
Received: from emout10.mail.aol.com (emout10.mx.aol.com [198.81.11.25]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id VAA06606 for <aprssig@tapr.org>; Tue, 23 Jul 1996 21:14:23 -0500 (CDT)
From: K6QL@aol.com
Received: by emout10.mail.aol.com (8.6.12/8.6.12) id WAA08412 for aprssig@tapr.org; Tue, 23 Jul 1996 22:15:08 -0400
Date: Tue, 23 Jul 1996 22:15:08 -0400
Message-ID: <960723221506_368837963@emout10.mail.aol.com>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3231] San Diego Freq - Again

145.79. LOTS OF ACTIVITY HERE. 73 DAVE, K6QL...

From gwyn@paccomm.com Wed Jul 24 05:39:43 1996
Received: from paccomm.com (paccomm.com [163.125.30.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id FAA27156 for <aprssig@tapr.org>; Wed, 24 Jul 1996 05:39:40 -0500 (CDT)
Received: from gwyn.paccomm.com by paccomm.com with smtp (Smail3.1.29.1 #1) id m0uj1L9-000FSAC; Wed, 24 Jul 96 06:38 EDT
Received: by gwyn.paccomm.com with Microsoft Mail id <01BB792A.C0505CA0@gwyn.paccomm.com>; Wed, 24 Jul 1996 06:38:40 -0400
Message-ID: <01BB792A.C0505CA0@gwyn.paccomm.com>
From: Gwyn Reedy <gwyn@paccomm.com>
To: "'aprssig@tapr.org'" <aprssig@tapr.org>
Subject: FW: [APRSSIG:3263] Re: WIDES and RELAYS only
Date: Wed, 24 Jul 1996 06:38:38 -0400
Encoding: 34 TEXT

Richard Garcia[SMTP:n2czf@magg.net] wrote on Tuesday, July 23, 1996 2:03 PM

It is not that I do not agree that a WIDE if it has the capability to act as a RELAY should it is that many TNC's will not accept two aliases. I do not know of any TNC other than the new PacComm Pico's and Kantronics KPC-3 that will do this and there are A LOT MORE TNC's out there than those two.

SNIP...

The point is we should not EXPECT all WIDE's to be WIDE-RELAY until there is support from all the TNC makers for such a code. When that happens it is much more reasonable to expect someone to spend \$15-\$20 for a chip instead of a MINIMUM \$130 for a TNC.

A couple of observations:

If you are talking about a dedicated APRS Digipeater, then 'ordinary' TNC EPROMs can be set up with, for example, a callsign of RELAY and an alias of WIDE to get the desired result. Then, for identification purposes, put the licensed callsign in beacon text and set it to beacon every 59 which will send out an identification frame each 9 min, 50 seconds.

Second, it is not only the PacComm PicoPacket which supports multiple aliases, but several of our other amateur TNCs also do, specifically the TINY-2 MK-2.

PacComm offers TNC-2 compatible EPROMs with the multiple alias features which will run in MFJ 1270s and 1274s and any other TNC-2 clones. Price is \$30. Older PacComm units may be upgraded as well.

From jswift@up.net Wed Jul 24 06:51:38 1996
Received: from btc1 (btc1.up.net [205.242.56.10]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id GAA29763 for <aprssig@tapr.org>; Wed, 24 Jul 1996 06:51:37 -0500 (CDT)
Received: from nb1-122.up.net by btc1 (5.x/SMI-SVR4) id AA07458; Wed, 24 Jul 1996 07:51:34 -0400
Message-Id: <9607241151.AA07458@btc1>
X-Sender: jswift@mail.up.net
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Wed, 24 Jul 1996 07:52:27 -0500
To: aprssig@tapr.org
From: jack swift <jswift@up.net>
Subject: Re: [APRSSIG:3264] QRM Busting (was Re:Voice on 145.79 in Dallas.)

no flame....

it seems that you can't cause interference to a station that isn't there....

if a station isn't licensed to operate on a frequency then it isn't there....

although i am too old to be able to hold a mic key for a very long period of time, and can't afford a beam, i did figure out how to set the beacon interval to a very short interval if i should ever need to generate a highly detailed map of a particular area. and since we can't afford a lot of digi's, i'd have to use the high-powered mobile (maybe with the brick) to

Date: Wed, 24 Jul 96 08:31:00 -0400
x-sender: sdimse@mail.bridge.net
x-mailer: Claris Emailer 1.1
From: Steve Dimse <sdimse@bridge.net>
To: <aprssig@tapr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

Wow...

As I'm sitting here writing this, I have two javAPRS applets running, showing me the live data coming off of Dale's TNC. One map shows the southeast US, and another is a DeLorme map of Atlanta I just made.

I have sent the application and maps to Dale, he said he will try to get it running today. I'm sure he will post an announcement when it is ready. Due to the security restrictions of Java, it must be running on the same server the data is coming from, or using an applet viewer that allows you to defeat the security restrictions. The Sun Java Development kit does allow this, many of the other viewers (including Netscape) do not.

I still have much work to do, so stay tuned for further details. The biggest omission I need to correct is that javAPRS does not parse stand-alone tracker data, and there seems to be a fair amount of this coming through the net.

Stay tuned for updates!

Steve K04HD

From bruninga@bambam.nadn.navy.mil Wed Jul 24 07:59:36 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id HAA02105 for <aprssig@tapr.org>; Wed, 24 Jul 1996 07:58:20 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil (8.6.12/8.6.12) with SMTP id JAA14711 for <aprssig@tapr.org>; Wed, 24 Jul 1996 09:02:36 -0400
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Wed, 24 Jul 1996 09:02:35 -0400 (EDT)
From: Bob Bruninga <bruninga@bambam.nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3271] FW: Re: WIDES and RELAYS only
In-Reply-To: <01BB792A.C0505CA0@gwyn.paccomm.com>
Message-ID: <Pine.GSO.3.94.960724085806.13591B-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 24 Jul 1996, Gwyn Reedy wrote:

> If you are talking about a dedicated APRS Digipeater, then 'ordinary' TNC
> EPROMs can be set up with, for example, a callsign of RELAY and an alias of
> WIDE to get the desired result.

APRSDos REPLY COMMENT: Exactly. I have done that here in Annapolis, BUT only ONE such station can exist anywhere within 4 or 5 hops of another.

If two such stations are in the same area, APRS will assume they are the same station (they have the same call) and will only display the last one heard! Actually you can get away with two of them. one as a WIDE with alias RELAY, and the other with the call of RELAY with the alias WIDE.

GREAT NEWS on the DUAL ALIAS EPROMS FOR THE TINY-2!! Thanks PacComm

de wb4apr@amsat.org

From jratchf@bulldog.afsc.k12.ar.us Wed Jul 24 08:24:09 1996
Received: from bulldog.afsc.k12.ar.us (root@[170.211.157.174]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id IAA03054 for <aprssig@tapr.org>; Wed, 24 Jul 1996 08:24:07 -0500 (CDT)
Received: from jratchf.bulldog.afsc.k12.ar.us (slip1.afsc.k12.ar.us [170.211.157.175]) by bulldog.afsc.k12.ar.us (8.6.11/8.6.9) with SMTP id IAA29357 for <aprssig@tapr.org>; Wed, 24 Jul 1996 08:23:56 -0500
Message-Id: <199607241323.IAA29357@bulldog.afsc.k12.ar.us>
From: "J. Scott Ratchford, KC5JGV" <jratchf@bulldog.afsc.k12.ar.us>
To: <aprssig@tapr.org>
Subject: Re: [APRSSIG:3262] Re: WIDES and RELAYS only
Date: Wed, 24 Jul 1996 07:51:22 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1085
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

Bring Mom along! The Hamfest, one of the best in this area, should be well worth the trip!

> From: ku0g@sprynet.com
> To: aprssig@tapr.org
> Subject: [APRSSIG:3262] Re: WIDES and RELAYS only
> Date: Tuesday, July 23, 1996 5:58 PM
>
> August 3rd is my mom's birthday. I wasn't even aware of the hamfest until your
> message. Wish I'd have known earlier, I'd have tried to set up a demonstration
> booth!!!
>
> Best 73,
> Jim Duncan, KU0G
> APRS--Kansas City Coordinator
> EMail: ku0g@sprynet.com

From jratchf@bulldog.afsc.k12.ar.us Wed Jul 24 08:24:12 1996

Received: from bulldog.afsc.k12.ar.us (root@[170.211.157.174]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id IAA03071 for <aprssig@tapr.org>; Wed, 24 Jul 1996 08:24:09 -0500 (CDT)

Received: from jratchf.bulldog.afsc.k12.ar.us (slip1.afsc.k12.ar.us [170.211.157.175]) by bulldog.afsc.k12.ar.us (8.6.11/8.6.9) with SMTP id IAA29360 for <aprssig@tapr.org>; Wed, 24 Jul 1996 08:23:59 -0500

Message-Id: <199607241323.IAA29360@bulldog.afsc.k12.ar.us>

From: "J. Scott Ratchford, KC5JGV" <jratchf@bulldog.afsc.k12.ar.us>

To: <aprssig@tapr.org>

Subject: Re: [APRSSIG:3264] QRM Busting (was Re:Voice on 145.79 in Dallas.)

Date: Wed, 24 Jul 1996 08:21:17 -0500

X-MSMail-Priority: Normal

X-Priority: 3

X-Mailer: Microsoft Internet Mail 4.70.1085

MIME-Version: 1.0

Content-Type: text/plain; charset=US-ASCII

Content-Transfer-Encoding: 7bit

> From: Arte Booten <N2ZRC@gnn.com>

>

> On Tue, 23 Jul David W. McNeil wrote:

>

> >...Listening on 145.79 there was a voice QSO in progress...

>

> M E T H O D T W O

>

> 1. Whenever the offending station(s) are on the air, aim your
> beam at their signals.

>

> 2. As soon as one of them keys their radio, key yours with an
> open carrier for the duration of their transmission. Use more
> power than their dinky H-T.

>

> 3. When the next station starts to transmit, repeat step 2.

>

> 4. Every few minutes, give them a chance to get QSY info to
> each other. If you don't hear them doing so, go to step 2.

>

>

> I realize this is not the "Legal" thing to do.

Hams have always been known for "taking care of there own". This means that instead of lowering our standards to those that are causing the problem, we "police" our own. This can be done quite easily. There should never be a "last resort" measure. Instead of taking such measures, I suggest taking the problem to the club, or repeater owner, at least to get more experienced input. It appears that this was a case of spontaneous(sp?) reaction that we hams must avoid at all costs, or we'll be just another "chicken band".

Every repeater has these problems. And they either just go away in short order, or we "police" it. There is nothing better than seeing the face of

the interfering individual when several hams showup on his doorstep with DF equipment in hand! Talk about imediate and final results!

--

J. Scott Ratchford - KC5JGV - Marshall, Arkansas
* North Arkansas Amateur Radio Society, Inc.
* Marshall Volunteer Fire Dept./EMS First Responder
* Calf Creek Lodge #426
* E. Daniel Hardware "3 Fingers" Bourbon & Liars Club

From jratchf@bulldog.afsc.k12.ar.us Wed Jul 24 08:37:05 1996
Received: from bulldog.afsc.k12.ar.us (root@[170.211.157.174]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id IAA03568 for <aprssig@tapr.org>; Wed, 24 Jul 1996 08:37:03 -0500 (CDT)
Received: from jratchf.bulldog.afsc.k12.ar.us (slip2.afsc.k12.ar.us [170.211.157.176]) by bulldog.afsc.k12.ar.us (8.6.11/8.6.9) with SMTP id IAA29639 for <aprssig@tapr.org>; Wed, 24 Jul 1996 08:36:53 -0500
Message-Id: <199607241336.IAA29639@bulldog.afsc.k12.ar.us>
From: "J. Scott Ratchford, KC5JGV" <jratchf@bulldog.afsc.k12.ar.us>
To: <aprssig@tapr.org>
Subject: Re: [APRSSIG:3255] Re: Voice on 145.79 in Dallas.
Date: Wed, 24 Jul 1996 08:35:51 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1085
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

> > Listening on 145.79 there was a voice QSO in progress. I listened during
> > these stations are in fact causing inteference to APRS and to determine
> > the callsign(s) of the station(s) so that they might be informed of APRS
> > activities on 145.79.
>
> APRSdos REPLY COMMENT: Excellent opportunity to use the OMNI-DF function
> of APRS!
>
> 1) put out an APRS bulletin asking everyone to insert an APRS OMNI DF REPORT
> when they hear the voices.
>
> 2) Everyone (Even if you dont hear the voices when they are active!!!)
> do an INPUT-DF report. Enter your subjective assessment of the relative

> signal strength. Entries of ZERO are equally important if you cannot
> hear the station.
>
> 3) Do a MAPS-PLOTS-DF command and you will see the colored intersecting
> signal strength contours. The black circles block out all the areas

> where the station is *not*. The area of the maximum *intersection* of
> the colored circles is the location of the voice station...
>
> de wb4apr@amsat.org

And by all means, do not follow the example of the New Yorker!

--

J. Scott Ratchford - KC5JGV - Marshall, Arkansas
* North Arkansas Amateur Radio Society, Inc.
* Marshall Volunteer Fire Dept./EMS First Responder
* Calf Creek Lodge #426
* E. Daniel Hardware "3 Fingers" Bourbon & Liars Club

From steve@eng.adaptec.com Wed Jul 24 09:49:47 1996
Received: from milpitas.adaptec.com (milpitas.adaptec.com [162.62.21.1]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id JAA06685 for <aprssig@tapr.org>; Wed, 24
Jul 1996 09:49:45 -0500 (CDT)
Received: from eng.adaptec.com ([162.62.20.6]) by milpitas.adaptec.com (4.1/
SMI-4.1)
id AA27857; Wed, 24 Jul 96 07:46:12 PDT
Received: from kona by eng.adaptec.com (4.1/SMI-4.1)
id AA13408; Wed, 24 Jul 96 07:50:52 PDT
Date: Wed, 24 Jul 96 07:50:52 PDT
From: steve@eng.adaptec.com (Steve Wilson x2388)
Message-Id: <9607241450.AA13408@eng.adaptec.com>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3276] Re: QRM Busting (was Re:Voice on 145.79 in Dallas.)

> From: aprssig@tapr.org Wed Jul 24 07:04:37 1996
> Date: Wed, 24 Jul 1996 08:36:42 -0500 (CDT)
> Reply-To: aprssig@tapr.org
> Originator: aprssig@tapr.org
> Sender: aprssig@tapr.org
> From: "J. Scott Ratchford, KC5JGV" <jratchf@bulldog.afsc.k12.ar.us>
> To: aprssig@tapr.org
> Subject: [APRSSIG:3276] Re: QRM Busting (was Re:Voice on 145.79 in Dallas.)
> X-Listprocessor-Version: 6.0 -- ListProcessor by Anastasios Kotsikonas
> X-Comment: Tucson Amateur Packet Radio APRS Special Interest Group
> Content-Transfer-Encoding: 7bit
> Content-Type: > text/plain> ; > charset=US-ASCII>
> Mime-Version: 1.0
> X-Mailer: Microsoft Internet Mail 4.70.1085
> Content-Length: 1736
>
> > From: Arte Booten <N2ZRC@gnn.com>
> >
> > On Tue, 23 Jul David W. McNeil wrote:
> >
> > Hams have always been known for "taking care of their own". This means
> > that instead of lowering our standards to those that are causing the
> > problem, we "police" our own. This can be done quite easily. There should
> > never be a "last resort" measure. Instead of taking such measures, I

> suggest taking the problem to the club, or repeater owner, at least to get
> more experienced input. It appears that this was a case of
> spontaneous(sp?) reaction that we hams must avoid at all costs, or we'll
> be just another "chicken band".

First, I do believe we are generally talking about simplex here as
opposed to a repeater. (Harder to shut em off.)

>
> Every repeater has these problems. And they either just go away in short
> order, or we "police" it. There is nothing better than seeing the face of
> the interfering individual when several hams showup on his doorstep with
> DF equipment in hand! Talk about immediate and final results!
>

Yep. This is liable to be met by some guy holding a shot gun as he
answers the door(It HAS happened on one of our local T hunts...)
There are subtle, non-confrontational ways of applying peer pressure
if the individual is licensed...and they MAY respond. If this is
a chronic problem(which most are) then the subtle methods fail...and
the direct methods are likely to get you shot...so we're between a
rock and a hard place here.

Also, the FCC packed up and went away, so we don't have that recourse
anymore.

Steve Wilson KA6S
(A frustrated 00)

From sdimse@bridge.net Wed Jul 24 10:21:54 1996
Received: from relay5.UU.NET (relay5.UU.NET [192.48.96.15]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id KAA07747 for <aprssig@tapr.org>; Wed, 24 Jul 1996
10:21:52 -0500 (CDT)
Received: from bridge.net by relay5.UU.NET with ESMTP
(peer crosschecked as: newworld.bridge.net [204.253.4.4])
id QQaztl16292; Wed, 24 Jul 1996 11:21:47 -0400 (EDT)
Received: from (ppp-mia1-57.bridge.net [204.253.4.57]) by bridge.net (8.7.5/8.7.3)
with SMTP id LAA05331 for <aprssig@tapr.org>; Wed, 24 Jul 1996 11:18:52 -0400
(EDT)
Message-Id: <199607241518.LAA05331@bridge.net>
Date: Wed, 24 Jul 96 11:21:46 -0400
x-sender: sdimse@mail.bridge.net
x-mailer: Claris EMailer 1.1
From: Steve Dimse <sdimse@bridge.net>
To: <aprssig@tapr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

OK Guys...

check out

<http://www.wa4dsy.radio.org/aprs/DSY1.html> and

<http://www.wa4dsy.radio.org/aprs/DSY1.htm2!>

IT WORKS!

Steve K04HD

From jagrelo@cris.com Wed Jul 24 11:34:04 1996

Received: from franklin.cris.com (franklin.cris.com [199.3.12.31]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id LAA10726 for <aprssig@tapr.org>; Wed, 24 Jul 1996 11:34:03 -0500 (CDT)

Received: from darius.cris.com (darius [199.3.12.32])
by franklin.cris.com (8.7.5/(96/06/11 2.45))
id MAA02167; Wed, 24 Jul 1996 12:33:59 -0400 (EDT)
[1-800-745-2747 The Concentric Network]

Errors-To: jagrelo@cris.com

Received: from crc3.pop3.net (cnc059034.concentric.net [206.83.77.34])
by darius.cris.com (8.7.5)
id MAA26063; Wed, 24 Jul 1996 12:33:56 -0400 (EDT)

Message-ID: <31F67BAF.4377@concentric.net>

Date: Wed, 24 Jul 1996 12:38:23 -0700

From: Joseph Agrelo <jagrelo@cris.com>

Organization: Agrelo Engineering

X-Mailer: Mozilla 2.01 (Win95; U)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: Re: [APRSSIG:3279]

References: <199607241518.LAA05331@bridge.net>

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Steve Dimse wrote:

>
> OK Guys...
>
> check out
>
> <http://www.wa4dsy.radio.org/aprs/DSY1.html> and

WOW! I'm impressed.

>
> <http://www.wa4dsy.radio.org/aprs/DSY1.htm2!>

This one isn't found.

> IT WORKS!
>
> Steve K04HD

Thanks to you guys, now I have a headache from thinking about all the

possibilities this creates;-)

PS-I want to track my trucking company vehicles in California from the beach in St.Maarten, just kidding.

73 De Joe N200C

XX

Agrelo Engineering

Joe Agrelo/President

1145 Catalyn St. Schenectady, NY 12303 USA

(518)381-1057

(518)381-1058

E-Mail: Jagrelo@concentric.net

WEB: <http://home.navisoft.com/agrelo/ae.htm>

Designer & Manufacturer of intelligent microprocessor
based Doppler and talking products

Experts in Microchip & Motorola processors

XX

From sdimse@bridge.net Wed Jul 24 12:29:20 1996

Received: from relay5.UU.NET (relay5.UU.NET [192.48.96.15]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id MAA14041 for <aprssig@tapr.org>; Wed, 24 Jul 1996
12:29:18 -0500 (CDT)

Received: from bridge.net by relay5.UU.NET with ESMTP
(peer crosschecked as: newworld.bridge.net [204.253.4.4])
id QQaztt23730; Wed, 24 Jul 1996 13:29:14 -0400 (EDT)

Received: from (ppp-mia2-68.bridge.net [204.253.4.68]) by bridge.net (8.7.5/8.7.3)
with SMTP id NAA15582 for <aprssig@tapr.org>; Wed, 24 Jul 1996 13:26:17 -0400
(EDT)

Message-Id: <199607241726.NAA15582@bridge.net>

Subject: Re: [APRSSIG:3279] javAPRS with Live data

Date: Wed, 24 Jul 96 13:29:12 -0400

x-sender: sdimse@mail.bridge.net

x-mailer: Claris Emailer 1.1

From: Steve Dimse <sdimse@bridge.net>

To: <aprssig@tapr.org>

Mime-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"

><http://www.wa4dsy.radio.org/aprs/DSY1.html> and

>

><http://www.wa4dsy.radio.org/aprs/DSY1.htm2!>

>

>IT WORKS!

>

Oops...in my haste I messed up...try:

<http://www.wa4dsy.radio.org/aprs/DSY1.html> and

<http://www.wa4dsy.radio.org/aprs/DSY2.html>!

Steve K04HD

From wa4dsy@wa4dsy.radio.org Wed Jul 24 12:45:42 1996
Received: from smtp-gw01.ny.us.ibm.net (smtp-gw01.ny.us.ibm.net [165.87.194.252])
by tapr.org (8.7.5/8.7.3/1.9) with SMTP id MAA14948 for <aprssig@tapr.org>; Wed,
24 Jul 1996 12:45:40 -0500 (CDT)
Received: (from uucp@localhost) by smtp-gw01.ny.us.ibm.net (8.6.9/8.6.9) id
RAA55394 for <aprssig@tapr.org>; Wed, 24 Jul 1996 17:45:38 GMT
Message-Id: <199607241745.RAA55394@smtp-gw01.ny.us.ibm.net>
Received: from wa4dsy-1.wa4dsy.radio.org(206.28.196.146) by smtp-
gw01.ny.us.ibm.net via smap (V1.3mjr)
id smaiEMCzR; Wed Jul 24 17:45:23 1996
Date: Wed, 24 Jul 96 13:45:22 EDT
From: wa4dsy@wa4dsy.radio.org (Dale Heatherington)
Reply-To: wa4dsy@wa4dsy.radio.org (Dale Heatherington)
To: aprssig@tapr.org
X-Mailer: Dale Heatherington's PMMail v1.1
Subject: Re: [APRSSIG:3280] Re:

On Wed, 24 Jul 1996 11:49:44 -0500 (CDT) you wrote:

>Steve Dimse wrote:
>>
>> OK Guys...
>>
>> check out
>>
>> <http://www.wa4dsy.radio.org/aprs/DSY1.html> and
>
>WOW! I'm impressed.
>
>>
>> <http://www.wa4dsy.radio.org/aprs/DSY1.htm2!>
>
>This one isn't found.

That's because it's really <http://www.wa4dsy.radio.org/aprs/DSY2.html>
Steve mistyped it.

There's now a DSY3.html with a black and white Atlanta map
to reduce load time. (19K vs 34k)

It crashes my Linux Netscape browser. Let me know if it
works on yours.

Dale Heatherington, WA4DSY
e-mail - wa4dsy@wa4dsy.radio.org
e-mail - daheath@ibm.net (in case the first one doesn't work)
Web page - <http://www.wa4dsy.radio.org>
This message brought to you by OS/2 Warp Connect.

From steve.hall@lerc.nasa.gov Wed Jul 24 13:02:15 1996
Received: from linux.chuh.cleveland-heights.k12.oh.us (root@linux.chuh.cleveland-heights.k12.oh.us [205.133.64.42]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id NAA15600 for <aprssig@tapr.org>; Wed, 24 Jul 1996 13:02:13 -0500 (CDT)
Received: from kk4pm.nasa.gov (kk4pm.lerc.nasa.gov [139.88.44.41]) by linux.chuh.cleveland-heights.k12.oh.us (8.6.12/8.6.9) with SMTP id OAA05340 for <aprssig@tapr.org>; Wed, 24 Jul 1996 14:21:08 -0400
Date: Wed, 24 Jul 1996 14:21:08 -0400
Message-Id: <2.2.16.19960724140748.3897caa2@popd.ix.netcom.com>
X-Sender: kk4pm@popd.ix.netcom.com
X-Mailer: Windows Eudora Pro Version 2.2 (16)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: Steve Hall <steve.hall@lerc.nasa.gov>
Subject: APRS at OSHKOSH

Does anyone plan on attending the EAA fly-in at Oshkosh?(Aug 1-7) NASA will have several displays including a bus used to demo aeronautics to school kids. This bus includes a ham station with APRS that I hope to have on the air.

Is there any APRS activity in the Oshkosh area? What frequencies?

If any other SIG members plan to attend stop by and say hello. My wife (Nancy KC4IYD) will be at the Lewis micro-gravity display. I'm not working at the event in any official capacity (vacation - YES!) but I will probably spend some time helping with the ham setup on the bus.

Hope to eyeball some fellow hams at the show!

73,

Steve Hall - KK4PM

P.S. My wife and I will probably monitor 147.525 simplex (If its a quiet freq)

From alanwc7r@primenet.com Wed Jul 24 13:22:38 1996
Received: from mailhost1.primenet.com (mailhost1.primenet.com [206.165.5.51]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id NAA16871 for <aprssig@tapr.org>; Wed, 24 Jul 1996 13:22:34 -0500 (CDT)
Received: from primenet.com (root@usr08.primenet.com [206.165.5.108]) by mailhost1.primenet.com (8.7.5/8.7.1) with ESMTP id LAA03027 for <aprssig@tapr.org>; Wed, 24 Jul 1996 11:22:30 -0700 (MST)
Received: from primenet.primenet.com (ip211.prc.primenet.com [204.212.56.211]) by primenet.com (8.7.5/8.7.3) with SMTP id LAA10115 for <aprssig@tapr.org>; Wed, 24 Jul 1996 11:22:29 -0700 (MST)
Message-Id: <2.2.32.19960724172219.0067d414@mailhost.primenet.com>
X-Sender: alanwc7r@mailhost.primenet.com
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Date: Wed, 24 Jul 1996 11:22:19 -0600
To: aprssig@tapr.org
From: "Alan K. Unangst" <alanwc7r@primenet.com>
Subject: Oshkosh Repeter Freqs??

I am going to be in Oshkosh Wisconsin from 7/30 to 8/8. I am planning on using APRS and WinAPRS while there. I am interested in the LOCAL repeater Freqs. in order to make contact with my fellow Hams while I am at the Fly-In.

In advance, Thanks for your help and the needed information.

73, Alan
Alan K. Unangst, WC7R
E-mail: alanwc7r@primenet.com
Packet: WC7R @ KB7FRV

From largriff@swta.com Wed Jul 24 13:26:22 1996
Received: from mailhost.onramp.net (mailhost.onramp.net [199.1.11.3]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id NAA16939 for <aprssig@tapr.org>; Wed, 24 Jul 1996 13:26:21 -0500 (CDT)
Received: from larry.onramp.net (red178.onramp.net [206.104.118.178]) by mailhost.onramp.net (8.7.3/8.6.5) with SMTP id NAA18627 for <aprssig@tapr.org>; Wed, 24 Jul 1996 13:26:18 -0500 (CDT)
Received: by larry.onramp.net with Microsoft Mail id <01BB7963.A8FB8640@larry.onramp.net>; Wed, 24 Jul 1996 13:26:02 -0500
Message-ID: <01BB7963.A8FB8640@larry.onramp.net>
From: Larry Griffin <largriff@swta.com>
To: "'aprssig@tapr.org'" <aprssig@tapr.org>
Subject: RE: [APRSSIG:3279]
Date: Wed, 24 Jul 1996 13:25:48 -0500
Encoding: 11 TEXT

Steve K04HD wrote:
>check out
><http://www.wa4dsy.radio.org/aprs/DSY1.html>
>and
><http://www.wa4dsy.radio.org/aprs/DSY1.htm2!>

=====

Neither address works for me (using Netscape). I get "Document contains no data" message.

Larry AB5GE

From wa8inz@cris.com Wed Jul 24 13:41:10 1996
Received: from franklin.cris.com (franklin.cris.com [199.3.12.31]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id NAA17546 for <aprssig@tapr.org>; Wed, 24 Jul 1996 13:41:08 -0500 (CDT)
Received: from darius.cris.com (darius [199.3.12.32]) by franklin.cris.com (8.7.5/(96/06/11 2.45)) id OAA21889; Wed, 24 Jul 1996 14:41:00 -0400 (EDT)
[1-800-745-2747 The Concentric Network]

Errors-To: wa8inz@cris.com
Received: from LOCALNAME (cnc803159.concentric.net [206.173.114.159])
by darius.cris.com (8.7.5)
id OAA06964; Wed, 24 Jul 1996 14:40:57 -0400 (EDT)
Message-ID: <31F68A57.3128@concentric.net>
Date: Wed, 24 Jul 1996 13:40:55 -0700
From: William Nolle <wa8inz@cris.com>
Organization: None
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3281] Re: javAPRS with Live data
References: <199607241726.NAA15582@bridge.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Steve Dimse wrote:

>
> ><http://www.wa4dsy.radio.org/aprs/DSY1.html> and
> >
> ><http://www.wa4dsy.radio.org/aprs/DSY1.htm2!>
> >
> >IT WORKS!
> >
> Oops...in my haste I messed up...try:
>
> <http://www.wa4dsy.radio.org/aprs/DSY1.html> and
>
> <http://www.wa4dsy.radio.org/aprs/DSY2.html!>
>
> Steve K04H

Just keeps coming up with "DOCUMENT CONTAINS NO DATA"
--

\\\\\\\\
(o o)
--o00-()-00o--
Bill WA8INZ
wa8inz@cris.com
wa8inz@amsat.org

From jagrelo@cris.com Wed Jul 24 14:37:20 1996
Received: from franklin.cris.com (franklin.cris.com [199.3.12.31]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id OAA20241 for <aprssig@tapr.org>; Wed, 24 Jul 1996
14:35:42 -0500 (CDT)
Received: from darius.cris.com (darius [199.3.12.32])
by franklin.cris.com (8.7.5/(96/06/11 2.45))
id PAA24814; Wed, 24 Jul 1996 15:35:11 -0400 (EDT)
[1-800-745-2747 The Concentric Network]
Errors-To: jagrelo@cris.com
Received: from crc3.pop3.net (cnc059042.concentric.net [206.83.77.42])
by darius.cris.com (8.7.5)
id PAA25556; Wed, 24 Jul 1996 15:35:08 -0400 (EDT)

Message-ID: <31F6A626.2072@concentric.net>
Date: Wed, 24 Jul 1996 15:39:34 -0700
From: Joseph Agrelo <jagrelo@cris.com>
Organization: Agrelo Engineering
X-Mailer: Mozilla 2.01 (Win95; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3283] Re:
References: <199607241745.RAA55394@smtp-gw01.ny.us.ibm.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Dale Heatherington wrote:

>
> On Wed, 24 Jul 1996 11:49:44 -0500 (CDT) you wrote:
>
> >Steve Dimse wrote:
> >>
> >> OK Guys...
> >>
> >> check out
> >>
> >> <http://www.wa4dsy.radio.org/aprs/DSY1.html> and
> >
> >WOW! I'm impressed.
> >
> >>
> >> <http://www.wa4dsy.radio.org/aprs/DSY1.htm2!>
> >
> >This one isn't found.
>
> That's because it's really <http://www.wa4dsy.radio.org/aprs/DSY2.html>
> Steve mistyped it.
>
> There's now a DSY3.html with a black and white Atlanta map
> to reduce load time. (19K vs 34k)
>
> It crashes my Linux Netscape browser. Let me know if it
> works on yours.
>
> Dale Heatherington, WA4DSY
> e-mail - wa4dsy@wa4dsy.radio.org
> e-mail - daheath@ibm.net (in case the first one doesn't work)
> Web page - <http://www.wa4dsy.radio.org>
> This message brought to you by OS/2 Warp Connect.

Works for me on Netscape...it's a beautiful thing.

73 De Joe N200C

XX

Agrelo Engineering
Joe Agrelo/President
1145 Catalyn St. Schenectady, NY 12303 USA

(518)381-1057

(518)381-1058

E-Mail: Jagrelo@concentric.net

WEB: <http://home.navisoft.com/agrelo/ae.htm>

Designer & Manufacturer of intelligent microprocessor
based Doppler and talking products

Experts in Microchip & Motorola processors

XX

From jagrelo@cris.com Wed Jul 24 14:37:59 1996

Received: from franklin.cris.com (franklin.cris.com [199.3.12.31]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id OAA20280 for <aprssig@tapr.org>; Wed, 24 Jul 1996
14:37:57 -0500 (CDT)

Received: from darius.cris.com (darius [199.3.12.32])
by franklin.cris.com (8.7.5/(96/06/11 2.45))
id PAA26301; Wed, 24 Jul 1996 15:37:50 -0400 (EDT)
[1-800-745-2747 The Concentric Network]

Errors-To: jagrelo@cris.com

Received: from crc3.pop3.net (cnc059042.concentric.net [206.83.77.42])
by darius.cris.com (8.7.5)
id PAA26426; Wed, 24 Jul 1996 15:37:47 -0400 (EDT)

Message-ID: <31F6A6C6.5ABD@concentric.net>

Date: Wed, 24 Jul 1996 15:42:14 -0700

From: Joseph Agrelo <jagrelo@cris.com>

Organization: Agrelo Engineering

X-Mailer: Mozilla 2.01 (Win95; U)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: Re: [APRSSIG:3286] RE:

References: <01BB7963.A8FB8640@larry.onramp.net>

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Larry Griffin wrote:

>

> Steve K04HD wrote:

> >check out

> ><http://www.wa4dsy.radio.org/aprs/DSY1.html>

> >and

> ><http://www.wa4dsy.radio.org/aprs/DSY1.htm2!>

>

> =====

>

> Neither address works for me (using Netscape). I get "Document contains no
data" message.

>

> Larry AB5GE

Be patient a takes some time to load. 2 minutes on this P75.

Open your Java console under Netscapes options pull down menu and you will be able
to view the
actual packet from the TNC.

73 De Joe N200C

XX

Agrelo Engineering
Joe Agrelo/President
1145 Catalyn St. Schenectady, NY 12303 USA
(518)381-1057
(518)381-1058
E-Mail: Jagrelo@concentric.net
WEB: <http://home.navisoft.com/agrelo/ae.htm>
Designer & Manufacturer of intelligent microprocessor
based Doppler and talking products
Experts in Microchip & Motorola processors
XX

From jagrelo@cris.com Wed Jul 24 14:39:54 1996
Received: from franklin.cris.com (franklin.cris.com [199.3.12.31]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id OAA20338 for <aprssig@tapr.org>; Wed, 24 Jul 1996
14:39:52 -0500 (CDT)
Received: from darius.cris.com (darius [199.3.12.32])
by franklin.cris.com (8.7.5/(96/06/11 2.45))
id PAA27320; Wed, 24 Jul 1996 15:39:50 -0400 (EDT)
[1-800-745-2747 The Concentric Network]
Errors-To: jagrelo@cris.com
Received: from crc3.pop3.net (cnc059042.concentric.net [206.83.77.42])
by darius.cris.com (8.7.5)
id PAA27050; Wed, 24 Jul 1996 15:39:48 -0400 (EDT)
Message-ID: <31F6A73E.3204@concentric.net>
Date: Wed, 24 Jul 1996 15:44:14 -0700
From: Joseph Agrelo <jagrelo@cris.com>
Organization: Agrelo Engineering
X-Mailer: Mozilla 2.01 (Win95; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3283] Re:
References: <199607241745.RAA55394@smtp-gw01.ny.us.ibm.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Dale Heatherington wrote:

> That's because it's really <http://www.wa4dsy.radio.org/aprs/DSY2.html>
> Steve mistyped it.
>
> There's now a DSY3.html with a black and white Atlanta map
> to reduce load time. (19K vs 34k)

These two don't workie. The first one does.

73 De Joe N200C

XX

Agrelo Engineering
Joe Agrelo/President
1145 Catalyn St. Schenectady, NY 12303 USA

(518)381-1057

(518)381-1058

E-Mail: Jagrelo@concentric.net

WEB: <http://home.navisoft.com/agrelo/ae.htm>

Designer & Manufacturer of intelligent microprocessor
based Doppler and talking products

Experts in Microchip & Motorola processors

XX

From sdimse@bridge.net Wed Jul 24 15:01:19 1996

Received: from relay6.UU.NET (relay6.UU.NET [192.48.96.16]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id PAA21230 for <aprssig@tapr.org>; Wed, 24 Jul 1996
15:01:15 -0500 (CDT)

Received: from bridge.net by relay6.UU.NET with ESMTP
(peer crosschecked as: newworld.bridge.net [204.253.4.4])
id QQazue15563; Wed, 24 Jul 1996 16:01:08 -0400 (EDT)

Received: from (ppp-mia2-73.bridge.net [204.253.4.73]) by bridge.net (8.7.5/8.7.3)
with SMTP id PAA00444 for <aprssig@tapr.org>; Wed, 24 Jul 1996 15:58:14 -0400
(EDT)

Message-Id: <199607241958.PAA00444@bridge.net>

Subject: Re: [APRSSIG:3286] RE:

Date: Wed, 24 Jul 96 16:01:09 -0400

x-sender: sdimse@mail.bridge.net

x-mailer: Claris Emailer 1.1

From: Steve Dimse <sdimse@bridge.net>

To: <aprssig@tapr.org>

Mime-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"

>Neither address works for me (using Netscape). I get "Document contains
>no data" message.

>

>Larry AB5GE

Bear with us, there seems to be some problem between my ftp client and
Dale's ftp server. We're trying...

Steve K04HD

From sdimse@bridge.net Wed Jul 24 15:16:57 1996

Received: from relay7.UU.NET (relay7.UU.NET [192.48.96.17]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id PAA22148 for <aprssig@tapr.org>; Wed, 24 Jul 1996
15:16:55 -0500 (CDT)

Received: from bridge.net by relay7.UU.NET with ESMTP
(peer crosschecked as: newworld.bridge.net [204.253.4.4])
id QQazuf27944; Wed, 24 Jul 1996 16:16:47 -0400 (EDT)

Received: from (ppp-mia2-73.bridge.net [204.253.4.73]) by bridge.net (8.7.5/8.7.3)
with SMTP id QAA01990 for <aprssig@tapr.org>; Wed, 24 Jul 1996 16:13:52 -0400
(EDT)

Message-Id: <199607242013.QAA01990@bridge.net>

Subject: Re: [APRSSIG:3287] Re: javAPRS with Live data

Date: Wed, 24 Jul 96 16:16:46 -0400

x-sender: sdimse@mail.bridge.net

x-mailer: Claris Emailer 1.1
From: Steve Dimse <sdimse@bridge.net>
To: <aprssig@tapr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

>Just keeps coming up with "DOCUMENT CONTAINS NO DATA"

The server has been rebooted and I am reloading javAPRS...hopefully this will work!

Steve K04HD

From dkaplan@pionet.net Wed Jul 24 16:00:37 1996
Received: from ELWOOD.pionet.net (ELWOOD.pionet.net [199.120.116.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id QAA24674 for <aprssig@tapr.org>; Wed, 24 Jul 1996 16:00:35 -0500 (CDT)
Received: from pm3_183.pionet.net by ELWOOD.pionet.net; (5.65v3.0/1.1.8.2/03Oct95-1046AM)
id AA07128; Wed, 24 Jul 1996 16:06:40 -0500
Date: Wed, 24 Jul 1996 16:06:40 -0500
Message-Id: <9607242106.AA07128@ELWOOD.pionet.net>
X-Sender: dkaplan@elwood.pionet.net
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: Dave Kaplan <dkaplan@pionet.net>
Subject: Re: [APRSSIG:3292] Re: javAPRS with Live data

At 03:34 PM 7/24/96 -0500, you wrote:

>>Just keeps coming up with "DOCUMENT CONTAINS NO DATA"

>

>The server has been rebooted and I am reloading javAPRS...hopefully this
>will work!

>

>Steve K04HD

>

>

>

All I get is

Sorry, your browser doesn't do Java!

BUT IT DOES! I am running Netscaoe 2.02 16 bit. What am I doing wrong?

From sdimse@bridge.net Wed Jul 24 16:08:09 1996
Received: from relay5.UU.NET (relay5.UU.NET [192.48.96.15]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id QAA25137 for <aprssig@tapr.org>; Wed, 24 Jul 1996 16:08:07 -0500 (CDT)
Received: from bridge.net by relay5.UU.NET with ESMTP

(peer crosschecked as: newworld.bridge.net [204.253.4.4])
id QQazui26882; Wed, 24 Jul 1996 17:08:03 -0400 (EDT)
Received: from (ppp-mia2-73.bridge.net [204.253.4.73]) by bridge.net (8.7.5/8.7.3)
with SMTP id RAA06761 for <aprssig@tapr.org>; Wed, 24 Jul 1996 17:04:59 -0400
(EDT)
Message-Id: <199607242104.RAA06761@bridge.net>
Subject: Re: [APRSSIG:3289] RE: JavAPRS
Date: Wed, 24 Jul 96 17:07:53 -0400
x-sender: sdimse@mail.bridge.net
x-mailer: Claris Emailer 1.1
From: Steve Dimse <sdimse@bridge.net>
To: <aprssig@tapr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

>Be patient a takes some time to load. 2 minutes on this P75.
>Open your Java console under Netscapes options pull down menu and you will
>be able to view the
>actual packet from the TNC.
>
Congrats, Joe, you found the hidden feature!

The server seems to be fine now. The url can be simplified to:

<http://www.wa4dsy.radio.org/aprs>

for the wide view. There is a link there for the detail view, the direct
URL is:

<http://www.wa4dsy.radio.org/aprs/DSY2.html>

73 de Steve

From Lew.Midlam@pobox.com Wed Jul 24 16:47:19 1996
Received: from perseus.peganet.com (root@perseus.peganet.com [206.102.200.1]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id QAA26656 for <aprssig@tapr.org>; Wed, 24
Jul 1996 16:47:18 -0500 (CDT)
Received: from Peganet.peganet.com (peg4-ts63.peganet.com [206.102.200.164]) by
perseus.peganet.com (8.6.12/8.6.9) with SMTP id RAA04515 for <aprssig@tapr.org>;
Wed, 24 Jul 1996 17:57:33 -0400
Message-ID: <31F699E1.2ADA@pobox.com>
Date: Wed, 24 Jul 1996 17:47:13 -0400
From: Lew Midlam <Lew.Midlam@pobox.com>
Reply-To: Lew.Midlam@pobox.com
X-Mailer: Mozilla 3.0b5a (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3292] Re: javAPRS with Live data
References: <199607242013.QAA01990@bridge.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Steve Dimse wrote:

>
> >Just keeps coming up with "DOCUMENT CONTAINS NO DATA"
>
> The server has been rebooted and I am reloading javAPRS...hopefully this
> will work!
>
> Steve K04HD

Works for me !! Netscape 3.0b5a, Win-95. At 28.8 Kbaud it takes about
3 minutes to load the map (just see a gray rectangle 'til then). Then
WOW! Cool!!! Great job, Steve!!

-Lew W7LVW, Fort Myers, Florida

From ku0g@sprynet.com Wed Jul 24 16:52:08 1996
Received: from m1.sprynet.com (m1.sprynet.com [165.121.1.97]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id QAA27044 for <aprssig@tapr.org>; Wed, 24 Jul 1996
16:52:06 -0500 (CDT)
From: ku0g@sprynet.com
Received: from [199.174.138.122] (ad11-122.compuserve.com [199.174.138.122]) by
m1.sprynet.com (8.6.12/8.6.12) with SMTP id OAA12431 for <aprssig@tapr.org>; Wed,
24 Jul 1996 14:49:44 -0700
Date: Wed, 24 Jul 1996 14:49:44 -0700
Message-Id: <199607242149.OAA12431@m1.sprynet.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Subject: Re: [APRSSIG:3286] RE:
To: aprssig@tapr.org
In-Reply-To: <01BB7963.A8FB8640@larry.onramp.net>
X-Mailer: SPRY Mail Version: 04.00.06.21

Same here on the "Documents contains no data"

I suspect that you have to be running Netscape 2.0. I am not as I can't get
dial-up networking to function with my ISP!

Best 73,
Jim Duncan, KU0G
APRS--Kansas City Coordinator
EMail: ku0g@sprynet.com

From jagrelo@cris.com Wed Jul 24 17:04:14 1996
Received: from franklin.cris.com (franklin.cris.com [199.3.12.31]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id RAA27685 for <aprssig@tapr.org>; Wed, 24 Jul 1996
17:04:11 -0500 (CDT)
Received: from darius.cris.com (darius [199.3.12.32])
by franklin.cris.com (8.7.5/(96/06/11 2.45))
id SAA00075; Wed, 24 Jul 1996 18:04:06 -0400 (EDT)
[1-800-745-2747 The Concentric Network]
Errors-To: jagrelo@cris.com

From sdimse@bridge.net Wed Jul 24 17:20:34 1996
Received: from relay4.UU.NET (relay4.UU.NET [192.48.96.14]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id RAA28373 for <aprssig@tapr.org>; Wed, 24 Jul 1996
17:20:32 -0500 (CDT)
Received: from bridge.net by relay4.UU.NET with ESMTP
(peer crosschecked as: newworld.bridge.net [204.253.4.4])
id QQazun22324; Wed, 24 Jul 1996 18:20:14 -0400 (EDT)
Received: from (ppp-mia3-112.bridge.net [204.253.4.112]) by bridge.net
(8.7.5/8.7.3) with SMTP id SAA12790 for <aprssig@tapr.org>; Wed, 24 Jul 1996
18:17:13 -0400 (EDT)
Message-Id: <199607242217.SAA12790@bridge.net>
Subject: Re: [APRSSIG:3293] Re: javAPRS with Live data
Date: Wed, 24 Jul 96 18:20:08 -0400
x-sender: sdimse@mail.bridge.net
x-mailer: Claris Emailer 1.1
From: Steve Dimse <sdimse@bridge.net>
To: <aprssig@tapr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

>All I get is

>

>

> Sorry, your browser doesn't do Java!

>

>

>BUT IT DOES! I am running Netscape 2.02 16 bit. What am I doing wrong?

>

That only appears if your browser doesn't recognize the <APPLET> tag...so
for whatever reason, your browser isn't doing Java. Don't know much about
the PC version, but in the Mac version it is possible to turn Java off in
the security options menu. Maybe it got turned off (or defaults to off)

Steve K04HD

From n2czf@magg.net Wed Jul 24 17:25:24 1996
Received: from grumpy.magg.net (root@grumpy.magg.net [205.218.112.2]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id RAA28541 for <aprssig@tapr.org>; Wed, 24 Jul 1996
17:25:22 -0500 (CDT)
Received: from Cybergate (wpb-184.magg.net [205.218.112.184]) by grumpy.magg.net
(8.7.5/8.7.3) with SMTP id SAA14633 for <aprssig@tapr.org>; Wed, 24 Jul 1996
18:20:37 -0400
Date: Wed, 24 Jul 1996 18:20:37 -0400
Message-Id: <199607242220.SAA14633@grumpy.magg.net>
X-Sender: n2czf@magg.net
X-Mailer: Windows Eudora Version 1.4.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: n2czf@magg.net (Richard Garcia)
Subject: Re: [APRSSIG:3271] FW: Re: WIDES and RELAYS only

Gwen Wrote:

SNIP

>Second, it is not only the PacComm PicoPacket which supports multiple
>aliases, but several of our other amateur TNCs also do, specifically the
>TINY-2 MK-2.
>
>PacComm offers TNC-2 compatible EPROMs with the multiple alias features
>which will run in MFJ 1270s and 1274s and any other TNC-2 clones. Price is
>\$30. Older PacComm units may be upgraded as well.

Now that is some progress. I will keep a PacComm EPROM in mind for the near future. Still recovering here due to a new HP Flat Bed Scanner!

73's Rich N2CZF

n2czf@magg.net

<http://www.magg.net/~n2czf> (Personal)

<http://www.magg.net/~n2czf/aprs.html> (Florida APRS)

Jupiter Farms Florida EL96

From n2czf@magg.net Wed Jul 24 17:32:15 1996

Received: from grumpy.magg.net (root@grumpy.magg.net [205.218.112.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id RAA28692 for <aprssig@tapr.org>; Wed, 24 Jul 1996 17:32:13 -0500 (CDT)

Received: from Cybergate (wpb-184.magg.net [205.218.112.184]) by grumpy.magg.net (8.7.5/8.7.3) with SMTP id SAA15034 for <aprssig@tapr.org>; Wed, 24 Jul 1996 18:27:28 -0400

Date: Wed, 24 Jul 1996 18:27:28 -0400

Message-Id: <199607242227.SAA15034@grumpy.magg.net>

X-Sender: n2czf@magg.net

X-Mailer: Windows Eudora Version 1.4.3

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

To: aprssig@tapr.org

From: n2czf@magg.net (Richard Garcia)

Subject: Re: [APRSSIG:3266] EPROM Duplication

WB4APR Says:

>APRSDos REPLY COMMENT: Im sure PacComm would include it in a new ROM
>for the venerable Tiny-2 and other TAPR-2 TNC's if people would pay
>the nominal ROM upgrade charge. But how many HAMS would just get
>one ROM and then duplicate the ROM? I doubt that PacComm ever recovers
>their investment in a new ROM release, Manual changes, and the
>forever bitching from cheap HAMS, hi hi.... (grin)

>

>PacComm, Are you listening Gwyn? We need the dual alias in TAPR-2 ROMS
>now...

>

>de wb4apr@amsat.org

>

Well Gwen was listening and it was very encouraging. As far as the copying of EPROMS I am sure that some do it but how many people actually have the bruners handy to make the act of "stealing" the code simple and worthwhile.

Personally I have one at work, never used it, never intend to unless it is a must. It is not worth my time to take money away from someone else, at \$30 I hope that most of us feel the same way.

73's Rich N2CZF
n2czf@magg.net
<http://www.magg.net/~n2czf> (Personal)
<http://www.magg.net/~n2czf/aprs.html> (Florida APRS)
Jupiter Farms Florida EL96

From alan@ernest.itg.ti.com Wed Jul 24 18:26:27 1996
Received: from gate.ti.com (news.ti.com [192.94.94.33]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id SAA01960 for <aprssig@tapr.org>; Wed, 24 Jul 1996 18:26:20 -0500 (CDT)
Received: from robin.itg.ti.com ([128.247.31.238]) by gate.ti.com (8.6.13) with ESMTP id SAA12965 for <aprssig@tapr.org>; Wed, 24 Jul 1996 18:25:46 -0500
Received: from ernest.itg.ti.com (ernest.itg.ti.com [128.247.54.194]) by robin.itg.ti.com (8.7.3/8.6.11) with SMTP id SAA21279 for <aprssig@tapr.org>; Wed, 24 Jul 1996 18:19:52 -0500 (CDT)

Received: by ernest.itg.ti.com (Smail3.1.28.1 #4)
id m0UjDIJ-0000GBC; Wed, 24 Jul 96 18:24 CDT
Message-Id: <m0UjDIJ-0000GBC@ernest.itg.ti.com>
From: alan@ernest.itg.ti.com (Alan Edmonds)
Subject: Re: [APRSSIG:3283] Re:
To: aprssig@tapr.org
Date: Wed, 24 Jul 1996 18:24:42 -0500 (CDT)
In-Reply-To: <199607241745.RAA55394@smtp-gw01.ny.us.ibm.net> from "Dale Heatherington" at Jul 24, 96 12:53:32 pm
Organization: Texas Instruments, Inc. Plano TX
X-Mailer: ELM [version 2.4 PL21]
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

> It crashes my Linux Netscape browser. Let me know if it
> works on yours.
>
> Dale Heatherington, WA4DSY
> e-mail - wa4dsy@wa4dsy.radio.org
> e-mail - daheath@ibm.net (in case the first one doesn't work)
> Web page - <http://www.wa4dsy.radio.org>
> This message brought to you by OS/2 Warp Connect.

My netscape under Linux works (mostly). I get the multicolored Alanta map, but I see no APRS activity. I think that's because I'm behind a firewall.

--

Alan Edmonds, KB5ZUY
System Administrator, Composer Development
Phone: +1-214-575-6427
Email: Alan.Edmonds@ti.com

Texas Instruments, Inc.
M/S 8515
6620 Chase Oaks Blvd.
Plano, TX, USA 75023

From rwf@mindspring.com Wed Jul 24 18:33:58 1996
Received: from answerman.mindspring.com (answerman.mindspring.com [204.180.128.8])
by tapr.org (8.7.5/8.7.3/1.9) with SMTP id SAA02396 for <aprssig@tapr.org>; Wed,
24 Jul 1996 18:33:56 -0500 (CDT)
Received: from borg.mindspring.com (borg.mindspring.com [204.180.128.14]) by
answerman.mindspring.com (8.6.12/8.6.12) with ESMTP id TAA09096 for
<aprssig@tapr.org>; Wed, 24 Jul 1996 19:33:54 -0400
Received: from rwf.mindspring.com (user-168-121-44-154.dialup.mindspring.com
[168.121.44.154]) by borg.mindspring.com (8.6.12/8.6.12) with SMTP id TAA09320 for
<aprssig@tapr.org>; Wed, 24 Jul 1996 19:33:51 -0400
Message-Id: <2.2.32.19960724233538.00701998@mindspring.com>
X-Sender: rwf@mindspring.com
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Wed, 24 Jul 1996 19:35:38 -0400
To: aprssig@tapr.org
From: rwf <rwf@mindspring.com>
Subject: Re: [APRSSIG:3286] RE:

At 01:33 PM 7/24/96 -0500, Larry wrote:

>

>Neither address works for me (using Netscape). I get "Document contains no
data" message.

>

Same here (but I can just go downstairs and look on the local APRS net)

>

From n8chb@tir.com Wed Jul 24 19:24:21 1996
Received: from tir.com (sun.tir.com [205.138.41.6]) by tapr.org (8.7.5/8.7.3/1.9)
with ESMTP id TAA05043 for <aprssig@tapr.org>; Wed, 24 Jul 1996 19:24:07 -0500
(CDT)
Received: from n8chb.tir.com (an20liv.tir.com [205.218.84.22]) by tir.com
(8.7.5/8.7) with SMTP id UAA22593 for <aprssig@tapr.org>; Wed, 24 Jul 1996
20:20:14 -0400 (EDT)
Message-ID: <31F6B031.7F50@tir.com>
Date: Thu, 25 Jul 1996 00:22:26 +0100
From: Roger Breckon <n8chb@tir.com>
Reply-To: n8chb@tir.com
X-Mailer: Mozilla 3.0b5a (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: inter-net
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I'm impressed, very gud work.

de Roger n8chb@tir.com

From largriffin@swta.com Wed Jul 24 19:52:34 1996
Received: from mailhost.onramp.net (mailhost.onramp.net [199.1.11.3]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id TAA06162 for <aprssig@tapr.org>; Wed, 24 Jul 1996 19:52:32 -0500 (CDT)
Received: from larry.onramp.net (red179.onramp.net [206.104.118.179]) by mailhost.onramp.net (8.7.3/8.6.5) with SMTP id TAA13588 for <aprssig@tapr.org>; Wed, 24 Jul 1996 19:52:30 -0500 (CDT)
Received: by larry.onramp.net with Microsoft Mail id <01BB7999.9B4EA3C0@larry.onramp.net>; Wed, 24 Jul 1996 19:52:12 -0500
Message-ID: <01BB7999.9B4EA3C0@larry.onramp.net>
From: Larry Griffin <largriffin@swta.com>
To: "'aprssig@tapr.org'" <aprssig@tapr.org>
Subject: RE: [APRSSIG:3292] Re: javAPRS with Live data
Date: Wed, 24 Jul 1996 19:47:38 -0500
Encoding: 10 TEXT

>>Just keeps coming up with "DOCUMENT CONTAINS NO DATA"

>The server has been rebooted and I am reloading javAPRS...hopefully this will work!

>

>Steve K04HD

Works great now with Win95 & Netscape 3.0! Good job, Steve!

Larry AB5GE

From truxenia@erinet.com Wed Jul 24 19:55:31 1996
Received: from eri.erinet.com (root@eri.erinet.com [198.6.245.100]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id TAA06304 for <aprssig@tapr.org>; Wed, 24 Jul 1996 19:55:30 -0500 (CDT)
Received: from truxenia by eri.erinet.com (8.6.12/EriNet) id UAA23477; Wed, 24 Jul 1996 20:36:48 -0400
Message-Id: <1.5.4.32.19960725003454.006ad4d8@erinet.com>
X-Sender: truxenia@erinet.com
X-Mailer: Windows Eudora Light Version 1.5.4 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Wed, 24 Jul 1996 20:34:54 -0400
To: aprssig@tapr.org
From: Truman Boerkoel <truxenia@erinet.com>
Subject: Re: [APRSSIG:3279]

At 10:34 AM 7/24/96 -0500, you wrote:

>OK Guys...

>

>

>check out

>

><http://www.wa4dsy.radio.org/aprs/DSY1.html> and

>

><http://www.wa4dsy.radio.org/aprs/DSY1.html>!

>
>IT WORKS!
>
>Steve K04HD
>
>
>
Works in Ohio (of all places) using Microsoft Internet Explorer 3.0 Beta 2,
Windows 95. Looks great.. Thanks es Vry 73 de Tru K8JUG

From Lew.Midlam@pobox.com Wed Jul 24 20:04:07 1996
Received: from perseus.peganet.com (root@perseus.peganet.com [206.102.200.1]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id UAA06755 for <aprssig@tapr.org>; Wed, 24
Jul 1996 20:04:06 -0500 (CDT)
Received: from Peganet.peganet.com (peg4-ts63.peganet.com [206.102.200.164]) by
perseus.peganet.com (8.6.12/8.6.9) with SMTP id VAA18249 for <aprssig@tapr.org>;
Wed, 24 Jul 1996 21:14:19 -0400
Message-ID: <31F6C7FD.7478@pobox.com>
Date: Wed, 24 Jul 1996 21:03:57 -0400
From: Lew Midlam <Lew.Midlam@pobox.com>
Reply-To: Lew.Midlam@pobox.com
X-Mailer: Mozilla 3.0b5a (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3301] Re:
References: <m0UjDIJ-0000GBC@ernest.itg.ti.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Open the JAVA Console, if you can. You should see the packets coming
in, and simultaneously see the symbol show up on the map. Only about
1/5 of the stations are within the Atlanta map, so you might have to
wait a while. Also, the APRS symbols are camouflaged by the yellow
background, and are quite hard to see.

I have two Netscape windows open, one of each map, along with the Java
Console, and see the text come in, and the symbol show up on both maps
simultaneously.

A W S O M E !!!!!

-Lew

Alan Edmonds wrote:

>
> > It crashes my Linux Netscape browser. Let me know if it
> > works on yours.
> >
> > Dale Heatherington, WA4DSY
> > e-mail - wa4dsy@wa4dsy.radio.org
> > e-mail - daheath@ibm.net (in case the first one doesn't work)
> > Web page - <http://www.wa4dsy.radio.org>

> > This message brought to you by OS/2 Warp Connect.
>
> My netscape under Linux works (mostly). I get the multicolored Alanta
> map, but I see no APRS activity. I think that's because I'm behind
> a firewall.
>
> --
> Alan Edmonds, KB5ZUY Texas Instruments, Inc.
> System Administrator, Composer Development M/S 8515
> Phone: +1-214-575-6427 6620 Chase Oaks Blvd.
> Email: Alan.Edmonds@ti.com Plano, TX, USA 75023

From N2ZRC@gnn.com Wed Jul 24 20:09:03 1996
Received: from mail-e2b-service.gnn.com (mail-e2b-service.gnn.com
[204.148.102.170]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id UAA06857 for
<APRSSIG@tapr.org>; Wed, 24 Jul 1996 20:09:01 -0500 (CDT)
Received: from 55-71.client.gnn.com. (55-71.client.gnn.com [205.188.55.71]) by
mail-e2b-service.gnn.com (8.7.1/8.6.9) with SMTP id VAA24192 for
<APRSSIG@tapr.org>; Wed, 24 Jul 1996 21:08:25 -0400 (EDT)
Message-Id: <199607250108.VAA24192@mail-e2b-service.gnn.com>
X-Mailer: GNNmessenger 1.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Wed, 24 Jul 1996 21:09:42
From: Arte Booten <N2ZRC@gnn.com>
To: APRSSIG@tapr.org
Subject: Follow-up to "QRM Busting"

Hi again,

I realize that many of you may think my response to the QRM experienced on the repeater's input was high-handed. Let me clarify the situation.

The club's interference committee had followed "method one" to the letter up to, and including, DF'ing and confronting the offenders face-to-face. This resulted in nasty language and physical threats to the DF group.

The 00 (also a club member) did all he could and followed it up to the FCC but, as we all know, they just don't care about the Amateur Service (as far as they're concerned, we're not generating any revenue so they don't want to bother!)

As you can see from this, all "legal" options had been exhausted. I've got to tell you that, at times, I felt as if I had become my own worst enemy while doing this. I'm NOT proud of it! New York City has some extremely belligerent people who will do what they want until they are stopped by using any effective method. The method I used was all they would (or could) understand.

I must also add that neither the club's officers nor mem-

bers of the interference committee were aware of my efforts. I only informed a VERY select few about it AFTER THE FACT and only in face-to-face or telephone conversations. In other words, I take all responsibility for those actions and that that club had absolutely no culpability in or for them.

Thanks to all those that responded to my original posting, especially considering that I had my asbestos suit on when I retrieved the mail and found ALL the responses to be thoughtful and civil. I expected vitriol. Once again the readers of this SIG have risen above the "flame wars" I would have been subject to had this been an open newsgroup. 73

Arte Booten <N2ZRC@gnn.com>(preferred) or <N2ZRC@aol.com>(if necessary)
(Packet Radio: N2ZRC@KB2VLX.#BRONX.NY.USA.NA)
[Cruise Missile Coordinates: 40 52.69N / 073 54.06W]

"I can't lock onto those coordinates, Captain.
There's too much subspace interference."

From jleonard@tbcnet.com Wed Jul 24 20:21:33 1996
Received: from tbc1.tbcnet.com (root@tbc1.tbcnet.com [207.112.224.11]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id UAA07608 for <aprssig@tapr.org>; Wed, 24 Jul 1996 20:21:31 -0500 (CDT)
Received: from ts251.tbcnet.com (ts251.tbcnet.com [207.112.227.51]) by tbc1.tbcnet.com (8.7.4/8.7.3) with SMTP id UAA08473 for <aprssig@tapr.org>; Wed, 24 Jul 1996 20:25:49 -0500
X-Authentication-Warning: tbc1.tbcnet.com: Host ts251.tbcnet.com [207.112.227.51] didn't use HELO protocol
Message-Id: <1.5.4.32.19960725012123.006c1208@tbcnet.com>
X-Sender: jleonard@tbcnet.com
X-Mailer: Windows Eudora Light Version 1.5.4 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Wed, 24 Jul 1996 20:21:23 -0500
To: aprssig@tapr.org
From: "John B. Leonard, Jr" <jleonard@tbcnet.com>
Subject: Re: [APRSSIG:3294] RE: JavAPRS

Man, that's really slick! Great work!

jbl

At 16:16 7/24/96 -0500, you wrote:

>>Be patient a takes some time to load. 2 minutes on this P75.
>>Open your Java console under Netscapes options pull down menu and you will
>>be able to view the
>>actual packet from the TNC.
>>
>Congrats, Joe, you found the hidden feature!

>
>The server seems to be fine now. The url can be simplified to:
>
><http://www.wa4dsy.radio.org/aprs>
>
>for the wide view. There is a link there for the detail view, the direct
>URL is:
>
><http://www.wa4dsy.radio.org/aprs/DSY2.html>
>
>73 de Steve
>

J Barry Leonard/N9VJQ
DeKalb IL
E-MAIL: jleonard@tbcnet.com
WWW Home Page <http://tbcnet.com/~jleonard/leonard.htm>
American Red Cross Disaster Services

From jerryr49@magg.net Wed Jul 24 20:33:46 1996
Received: from grumpy.magg.net (root@grumpy.magg.net [205.218.112.2]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id UAA08325 for <aprssig@tapr.org>; Wed, 24 Jul 1996
20:33:45 -0500 (CDT)
Received: from jerryr49.magg.net (wpb-209.magg.net [205.218.112.209]) by
grumpy.magg.net (8.7.5/8.7.3) with SMTP id VAA21780 for <aprssig@tapr.org>; Wed,
24 Jul 1996 21:29:04 -0400
Message-ID: <31F6CED0.6CF3@magg.net>
Date: Wed, 24 Jul 1996 21:33:04 -0400
From: Jerry Rector <jerryr49@magg.net>
Reply-To: jerryr49@magg.net
X-Mailer: Mozilla 3.0b4Gold (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3290] Re:
References: <31F6A73E.3204@concentric.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

> > Steve mistyped it.
> >
> > There's now a DSY3.html with a black and white Atlanta map
> > to reduce load time. (19K vs 34k)
>
> These two don't workie. The first one does.
>

DSY1,2, and 3 all work here FB!

You MUST run with a browser that processes JAVA applets,
i.e., NETSCAPE NAVIGATOR 3.0 or INTERNET EXPLORER 3.0

73 de Jerry, KB40AM

> 73 De Joe N200C
> WEB: <http://home.navisoft.com/agrelo/ae.htm>

From sdimse@bridge.net Wed Jul 24 20:51:20 1996
Received: from relay7.UU.NET (relay7.UU.NET [192.48.96.17]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id UAA09011 for <aprssig@tapr.org>; Wed, 24 Jul 1996
20:51:18 -0500 (CDT)
Received: from bridge.net by relay7.UU.NET with ESMTP
(peer crosschecked as: newworld.bridge.net [204.253.4.4])
id QQazvb19671; Wed, 24 Jul 1996 21:51:12 -0400 (EDT)
Received: from (ppp-mia2-78.bridge.net [204.253.4.78]) by bridge.net (8.7.5/8.7.3)
with SMTP id VAA01743 for <aprssig@tapr.org>; Wed, 24 Jul 1996 21:48:14 -0400
(EDT)
Message-Id: <199607250148.VAA01743@bridge.net>
Subject: javAPRS next step
Date: Wed, 24 Jul 96 21:51:04 -0400
x-sender: sdimse@mail.bridge.net
x-mailer: Claris Emailer 1.1
From: Steve Dimse <sdimse@bridge.net>
To: <aprssig@tapr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

I hope everyone has enjoyed this preview of things to come. In order not
to overload Dale's server, as many people as possible should use a
stand-alone version of javAPRS. Probably tomorrow I will put a zip file
up on the TAPR upload directory with all the files needed for javAPRS. In
order to run it, you will need to install the Java Development Kit from
Sun. This is free, and can be downloaded from:

<http://java.sun.com/java.sun.com/download.html>

After it is installed, run the Applet Viewer applications, find the
security options and disable them. After that is done javAPRS should run
fine.

Enjoy!

Steve K04HD

From rsellers@misha.net Wed Jul 24 20:54:46 1996
Received: from misha.net (delta.wwa.com [204.120.206.5]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id UAA09188 for <aprssig@tapr.org>; Wed, 24 Jul 1996
20:54:44 -0500 (CDT)
Received: from rsellers by misha.net (SMI-8.6/SMI-SVR4)
id UAA27033; Wed, 24 Jul 1996 20:54:36 -0500
Date: Wed, 24 Jul 1996 20:54:36 -0500
Message-Id: <199607250154.UAA27033@misha.net>
X-Sender: rsellers@misha.net

X-Mailer: Windows Eudora Version 1.4.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: rsellers@misha.net (Roger Sellers)
Subject: Re: [APRSSIG:3276] Re: QRM Busting (was Re:Voice on 145.79 in Dallas.)

>> M E T H O D T W O

>>

>> 1. Whenever the offending station(s) are on the air, aim your
>> beam at their signals.

>>

>Hams have always been known for "taking care of there own". This means
>that instead of lowering our standards to those that are causing the
>problem, we "police" our own. This can be done quite easily. There should
>never be a "last resort" measure. Instead of taking such measures, I
>suggest taking the problem to the club, or repeater owner, at least to get
>more experienced input. It appears that this was a case of
>spontaneous(sp?) reaction that we hams must avoid at all costs, or we'll
>be just another "chicken band".

>

>Every repeater has these problems. And they either just go away in short
>order, or we "police" it. There is nothing better than seeing the face of
>the interfering individual when several hams showup on his doorstep with
>DF equipment in hand! Talk about imediate and final results!

>

Sorry for the increased bandwidth here, but I must ask or make a comment. I
know this is WAY OFF topic for the SIG but local solutions are not forth coming.

In my area we have a few "? HAMS ?" that need to be cleaned up. There is
a situation where we have persons keying and not ID'ing CONSTANTLY. We have
a ham that is easily identified that has gone well beyond considerate
practice. Our club board is at wits end in asking them to clean up their act
(i.e. cease the actions). All to no avail. We have recordings and other
documentation etc of these happenings. In trying to raise the issue the our
local/regional ARRL rep. We've been basically told we're on our own. The
ARRL has no desire/man-power to take corrective action and it's not serious
they feel enough for the FCC to handle. We were told point blank, "It's a
local issue, you handle it". Politely asking these individuals to quite
doesn't work. Shutting off the repeater only makes them happier and
infringes on all other users of the repeater. We've been forced to disable
all extra functions of the repeater except 911 autopatch.

I had heard that the Feds prosecuted for hams on Louisiana with fines
for similar actions but have yet to see anything specific on how it was
done. It is presumed the local club got a court injunction against them from
using the repeater. The fine was then based not on a FCC violation but
rather a violation of a court injunction and the fine was levied by the
court, not the FCC.

Does anyone have some accurate or usable input to this? If we can come up
with some legal or FCC backing to force the issue it would make life a lot
quieter here. If you have some specific data as to what has worked elsewhere
to permanently get these violators off the system, I'd love to hear it.

The local club is using most of it's options. One of their last ideas was to go to a digital PL. Although this might work, it's extremely costly to the club and it's member to consider doing this. We just added regular PL this year and it created lots of problems for some members. Not everyone has newer equipment to handle it.

73,

Roger Sellers
Amateur Radio: KB9LBU
E-Mail Home: rsellers@misha.net
E-Mail Work: rsellers@snds.com

From wa4dsy@wa4dsy.radio.org Wed Jul 24 21:22:45 1996
Received: from smtp-gw01.ny.us.ibm.net (smtp-gw01.ny.us.ibm.net [165.87.194.252])
by tapr.org (8.7.5/8.7.3/1.9) with SMTP id VAA12228 for <aprssig@tapr.org>; Wed,
24 Jul 1996 21:22:42 -0500 (CDT)
Received: (from uucp@localhost) by smtp-gw01.ny.us.ibm.net (8.6.9/8.6.9) id
CAA18234 for <aprssig@tapr.org>; Thu, 25 Jul 1996 02:22:37 GMT
Message-Id: <199607250222.CAA18234@smtp-gw01.ny.us.ibm.net>
Received: from wa4dsy-1.wa4dsy.radio.org(206.28.196.146) by smtp-
gw01.ny.us.ibm.net via smap (V1.3mjr)
id smaRycDe7; Thu Jul 25 02:22:32 1996
Date: Wed, 24 Jul 96 22:22:32 EDT
From: wa4dsy@wa4dsy.radio.org (Dale Heatherington)
Reply-To: wa4dsy@wa4dsy.radio.org (Dale Heatherington)
To: aprssig@tapr.org
X-Mailer: Dale Heatherington's PMMail v1.1
Subject: APRS Server load

Wow! You guys really know how to crash test a system.
At about 9:35 Pm (edt) here, 17 users were on the
APRS Internet server, many I assume, using the WWW
Java interface uploaded by Steve Dimse.

There was some trouble this afternoon involving
a memory leak which caused the server to quit
working. I've done some work on it and so far
it's holding together. (fingers crossed)

FYI:

All access to the server is through a 56kb
modem in the 222 mhz band. There is a 28.8
telephone connection on the other end of the 56k
link which limits the throughput. I hope to have
a 100% RF link to the internet provider within 2 months.
To learn more about 56Kb modems visit <http://www.wa4dsy.radio.org/>

The Server machine is a 486-66DX2 running OS/2 Warp and IBM tcpip.
The same machine runs JNOS in a DOS session to provide
a gateway to AX25 land. There are 2 ethernet cards
in the computer to connect JNOS with IBM tcpip and the

WWW and APRS servers. Believe it or not,
every packet you guys saw passed through JNOS 110i.

It has never been stressed like it was today. Usually
it may get one or two users accessing my home page
but 17 Java APRS users is a new record. The Modem's
TX and RX LEDs were flashing most of the time.

Don't be suprised it dies or becomes unavailable for
certain periods. This *is* and experimental system.

Have fun.

Dale Heatherington, WA4DSY
e-mail - wa4dsy@wa4dsy.radio.org
e-mail - daheath@ibm.net (in case the first one doesn't work)
Web page - <http://www.wa4dsy.radio.org>
Running OS/2 Warp: The only x86 operating system that
is more stable than most people who use it.

From wa4dsy@wa4dsy.radio.org Wed Jul 24 21:47:06 1996
Received: from smtp-gw01.ny.us.ibm.net (smtp-gw01.ny.us.ibm.net [165.87.194.252])
by tapr.org (8.7.5/8.7.3/1.9) with SMTP id VAA13267 for <aprssig@tapr.org>; Wed,
24 Jul 1996 21:47:03 -0500 (CDT)
Received: (from uucp@localhost) by smtp-gw01.ny.us.ibm.net (8.6.9/8.6.9) id
CAA182188 for <aprssig@tapr.org>; Thu, 25 Jul 1996 02:47:00 GMT
Message-Id: <199607250247.CAA182188@smtp-gw01.ny.us.ibm.net>
Received: from wa4dsy-1.wa4dsy.radio.org(206.28.196.146) by smtp-
gw01.ny.us.ibm.net via smap (V1.3mjr)
id smaXqcC92; Thu Jul 25 02:46:53 1996
Date: Wed, 24 Jul 96 22:46:54 EDT
From: wa4dsy@wa4dsy.radio.org (Dale Heatherington)
Reply-To: wa4dsy@wa4dsy.radio.org (Dale Heatherington)
To: aprssig@tapr.org
X-Mailer: Dale Heatherington's PMMail v1.1
Subject: Java APRS OFF LINE

The Java APRS Internet server dies after
several hours of use. In fact, the entire
tcpip stack seems to go brain dead.
Until I can track down the problem
I'm taking the server off line.

The server machine is need for lots
of other things and usually stays
up for months with no problems.

I'll let you know when it's back.

Dale Heatherington, WA4DSY
e-mail - wa4dsy@wa4dsy.radio.org
e-mail - daheath@ibm.net (in case the first one doesn't work)
Web page - <http://www.wa4dsy.radio.org>
This message brought to you by OS/2 Warp Connect.

From sdimse@bridge.net Wed Jul 24 22:17:28 1996
Received: from relay2.UU.NET (relay2.UU.NET [192.48.96.7]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id WAA14759 for <aprssig@tapr.org>; Wed, 24 Jul 1996
22:17:25 -0500 (CDT)
Received: from bridge.net by relay2.UU.NET with ESMTP
(peer crosschecked as: newworld.bridge.net [204.253.4.4])
id QQazvh29480; Wed, 24 Jul 1996 23:17:22 -0400 (EDT)
Received: from (ppp-mia4-136.bridge.net [204.253.4.136]) by bridge.net
(8.7.5/8.7.3) with SMTP id XAA10208 for <aprssig@tapr.org>; Wed, 24 Jul 1996
23:14:22 -0400 (EDT)
Message-Id: <199607250314.XAA10208@bridge.net>
Subject: javAPRS-What goes up, must go down...
Date: Wed, 24 Jul 96 23:17:13 -0400
x-sender: sdimse@mail.bridge.net
x-mailer: Claris Emailer 1.1
From: Steve Dimse <sdimse@bridge.net>
To: <aprssig@tapr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

For those of you that waited, too bad. Dale had to take his TNC server
down. Apparently it was making his system unstable. I hope he will find
the problem soon, and we can be back in business. I won't upload javAPRS
to the TAPR sig until there is a reason.

There will other servers opening soon...stay tuned for details!

Steve K04HD

From funkj@tdi.net Wed Jul 24 22:55:01 1996
Received: from mercury.tdi.net (root@mercury.tdi.net [206.42.132.5]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id WAA16667 for <aprssig@tapr.org>; Wed, 24 Jul 1996
22:54:59 -0500 (CDT)
Received: from annex-p48.tdi.net (annex-p48.tdi.net [206.42.132.122]) by
mercury.tdi.net (8.6.12/8.6.9) with SMTP id XAA23787 for <aprssig@tapr.org>; Wed,
24 Jul 1996 23:55:24 -0400
Message-ID: <31F71A58.2429@mailhost.tdi.net>
Date: Wed, 24 Jul 1996 23:55:20 -0700
From: JOHN FUNK <funkj@tdi.net>
Reply-To: funkj@tdi.net
Organization: Monroe County Radio Communications Association
X-Mailer: Mozilla 3.0b5a (Win16; I)
MIME-Version: 1.0
To: aprssig@tapr.org

Subject: Re: [APRSSIG:3294] RE: JavAPRS
References: <199607242104.RAA06761@bridge.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Steve Dimse wrote:

>
> >Be patient a takes some time to load. 2 minutes on this P75.
> >Open your Java console under Netscapes options pull down menu and you will
> >be able to view the
> >actual packet from the TNC.
> >
> Congrats, Joe, you found the hidden feature!
>
> The server seems to be fine now. The url can be simplified to:
>
> <http://www.wa4dsy.radio.org/aprs>
>
> for the wide view. There is a link there for the detail view, the direct
> URL is:
>
> <http://www.wa4dsy.radio.org/aprs/DSY2.html>
>
> 73 de Steve

Running NETSCAPE 3.0Beta with the full load of add-ons, and from the
very first posting of URLs to the last one [APRSSIG:3294], all I ever
get is:

"404 Not Found

The requested URL /aprs was not found on this server."

- john -
N8GVG

From james-m@ix.netcom.com Thu Jul 25 01:32:53 1996
Received: from dfw-ix6.ix.netcom.com (dfw-ix6.ix.netcom.com [206.214.98.6]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id BAA27194 for <aprssig@tapr.org>; Thu, 25
Jul 1996 01:32:50 -0500 (CDT)
Received: from #james-m (sav-ga1-13.ix.netcom.com [205.184.8.45]) by dfw-
ix6.ix.netcom.com (8.6.13/8.6.12) with SMTP id XAA22302 for <aprssig@tapr.org>;
Wed, 24 Jul 1996 23:32:16 -0700
Message-ID: <31F710FE.3B86@ix.netcom.com>
Date: Thu, 25 Jul 1996 02:15:26 -0400
From: Don Murray <james-m@ix.netcom.com>
Organization: AE4BR
X-Mailer: Mozilla 3.0b5a (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3279]
References: <199607241518.LAA05331@bridge.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Steve Dimse wrote:

>
> OK Guys...
>
> check out
>
> <http://www.wa4dsy.radio.org/aprs/DSY1.html> and
>
> <http://www.wa4dsy.radio.org/aprs/DSY1.htm2!>
>
> IT WORKS!
>
> Steve K04HD

Didn't work for me at either address, Error 404 not found on this server

From dcreek@pixi.com Thu Jul 25 05:08:01 1996

Received: from mail.pixi.com (phoenix.pixi.com [204.182.46.6]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id FAA03013 for <aprssig@tapr.org>; Thu, 25 Jul 1996 05:07:59 -0500 (CDT)

Received: from gorgax22.pixi.com (gorgax22.pixi.com [140.174.243.243]) by mail.pixi.com (8.6.12/PIXI-4.1) with SMTP id AAA05024 for <aprssig@tapr.org>; Thu, 25 Jul 1996 00:07:56 -1000

Date: Wed, 24 Jul 1996 23:55:17 -1000 (HST)

From: Dave Creek <dcreek@pixi.com>

To: aprssig@tapr.org

Subject: Re: [APRSSIG:3296] RE:

X-Sender: dcreek@imap-server.pixi.com

In-Reply-To: <199607242149.0AA12431@m1.sprynet.com>

Message-ID: <Pine.PCW.3.91.960724234937.7919A-1000000@gorgax22.pixi.com>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 24 Jul 1996 ku0g@sprynet.com wrote:

> Same here on the "Documents contains no data"
>
>
> I suspect that you have to be running Netscape 2.0. I am not as I can't get
> dial-up networking to function with my ISP!
>
> Best 73,
> Jim Duncan, KU0G
> APRS--Kansas City Coordinator
> EMail: ku0g@sprynet.com
>
>

You must be running Netscape 2.02 or higher for WIN 95 or WIN NT under WIN 95 or WIN NT! A note in Netscape states Java is disabled when using 16 Bit operating systems.

From b.gotshall@worldnet.att.net Thu Jul 25 06:42:43 1996
Received: from mtigwc01.worldnet.att.net (mailhost.worldnet.att.net
[204.127.129.3]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id GAA05633 for
<aprssig@tapr.org>; Thu, 25 Jul 1996 06:42:41 -0500 (CDT)
Received: from LOCALNAME ([199.70.196.124]) by mtigwc01.worldnet.att.net
(post.office MTA v2.0 0613) with SMTP id AAA18003
for <aprssig@tapr.org>; Thu, 25 Jul 1996 11:42:10 +0000
Message-ID: <31F786A0.19DA@worldnet.att.net>
Date: Thu, 25 Jul 1996 07:37:20 -0700
From: "B.G. Gotshall" <b.gotshall@worldnet.att.net>
X-Mailer: Mozilla 2.01E (Win16; I)
MIME-Version: 1.0
To: "aprssig@tapr.org" <aprssig@tapr.org>
Subject: Personal Mail (again)
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

It's getting BETTER!!!

Yesterday I had 37 messages and only one that could be considered
personal.(Something about Mother and the Hamfest)
Today 46 and only a reply about Mother.

Bud (WB4LTF)

From n4nr@vulcan.com Thu Jul 25 08:13:25 1996
Received: from koala.scott.net (root@koala.scott.net [204.181.147.2]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id IAA08857 for <aprssig@tapr.org>; Thu, 25 Jul 1996
08:13:24 -0500 (CDT)
Received: from news.scott.net (root@news.scott.net [204.181.147.3]) by
koala.scott.net (8.7.4/8.7.3) with ESMTP id IAA26396 for <aprssig@tapr.org>; Thu,
25 Jul 1996 08:12:58 -0500
Received: from vulcan.UUCP (vulcan@localhost) by news.scott.net (8.6.10/8.6.9)
with UUCP id IAA04531 for aprssig@tapr.org; Thu, 25 Jul 1996 08:01:57 -0500
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3316] Re:
From: n4nr@vulcan.com (N4NR)
Message-ID: <8C521C0.0012001E51.uuout@vulcan.com>
Date: Thu, 25 Jul 96 07:28:00 -0600
Organization: B'ham Amateur Radio Gateway (vulcan.com)
Reply-To: n4nr@vulcan.com (N4NR)
References: <31F710FE.3B86@ix.netcom.com>
X-Mailreader: PCBoard Version 15.22
X-Mailer: PCBoard/UUOUT Version 1.20

-> Steve Dimse wrote:

-> >

-> > OK Guys...

-> >

-> > check out

-> >

-> > <http://www.wa4dsy.radio.org/aprs/DSY1.html> and

-> >

Received: from (ppp-mia4-138.bridge.net [204.253.4.138]) by bridge.net (8.7.5/8.7.3) with SMTP id KAA24293 for <aprssig@tapr.org>; Thu, 25 Jul 1996 10:26:22 -0400 (EDT)

Message-Id: <199607251426.KAA24293@bridge.net>

Subject: Re: [APRSSIG:3319] Re:javAPRS

Date: Thu, 25 Jul 96 10:29:17 -0400

x-sender: sdimse@mail.bridge.net

x-mailer: Claris Emailer 1.1

From: Steve Dimse <sdimse@bridge.net>

To: <aprssig@tapr.org>

Mime-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"

>-> Didn't work for me at either address, Error 404 not found on this

>-> server

>

Once again, in case you missed the messages last night, the TNC server as well as the javAPRS pages on WA4DSY's machine are down until further notice. This is an experimental service, and apparently the heavy load made Dale's system too unstable to continue. We hope to have this up again soon, but no promises. There will be other servers in the future...that IS a promise. Consider this last day a "proof of concept", and be patient.

In the meantime, if you haven't seen them lately, check out the javAPRS web pages, with several demos of javAPRS:

<http://www.bridge.net/~sdimse/javAPRS.html>

If you are interested in seeing more about the inner workings of javAPRS, including what it takes to add it to an html page, check out the paper I submitted to the Digital Communication conference:

<http://www.bridge.net/~sdimse/dcc.html>

73 de Steve K04HD

From jagrelo@cris.com Thu Jul 25 09:30:23 1996

Received: from franklin.cris.com (franklin.cris.com [199.3.12.31]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA11389 for <aprssig@tapr.org>; Thu, 25 Jul 1996 09:30:20 -0500 (CDT)

Received: from darius.cris.com (darius [199.3.12.32])

by franklin.cris.com (8.7.5/(96/06/11 2.45))

id KAA17589; Thu, 25 Jul 1996 10:30:15 -0400 (EDT)

[1-800-745-2747 The Concentric Network]

Errors-To: jagrelo@cris.com

Received: from crc3.pop3.net (cnc059043.concentric.net [206.83.77.43])

by darius.cris.com (8.7.5)

id KAA19667; Thu, 25 Jul 1996 10:30:13 -0400 (EDT)

Message-ID: <31F7B030.538A@concentric.net>

Date: Thu, 25 Jul 1996 10:34:40 -0700

From: Joseph Agrelo <jagrelo@cris.com>

Organization: Agrelo Engineering

X-Mailer: Mozilla 2.01 (Win95; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3317] RE:
References: <Pine.PCW.3.91.960724234937.7919A-1000000@gorgax22.pixi.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Dave Creek wrote:

>
> On Wed, 24 Jul 1996 ku0g@sprynet.com wrote:
>
> > Same here on the "Documents contains no data"

> >
> >
> > I suspect that you have to be running Netscape 2.0. I am not as I can't get
> > dial-up networking to function with my ISP!
> >
> > Best 73,
> > Jim Duncan, KU0G
> > APRS--Kansas City Coordinator
> > EMail: ku0g@sprynet.com
> >
> >
> You must be running Netscape 2.02 or higher for WIN 95 or WIN NT under
> WIN 95 or WIN NT! A note in Netscape states Java is disabled when using
> 16 Bit operating systems.

Hmmm...I'm running Netscape 2.01 32 bit with no problems at all.

73 De Joe N200C

XX

Agrelo Engineering
Joe Agrelo/President
1145 Catalyn St. Schenectady, NY 12303 USA
(518)381-1057
(518)381-1058
E-Mail: Jagrelo@concentric.net
WEB: <http://home.navisoft.com/agrelo/ae.htm>
Designer & Manufacturer of intelligent microprocessor
based Doppler and talking products
Experts in Microchip & Motorola processors
XX

From bruninga@nadm.navy.mil Thu Jul 25 10:23:05 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id KAA13725 for <aprssig@tapr.org>; Thu, 25
Jul 1996 10:23:04 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil
(8.6.12/8.6.12) with SMTP id LAA05112 for <aprssig@tapr.org>; Thu, 25 Jul 1996
11:27:58 -0400
X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs

Date: Thu, 25 Jul 1996 11:27:58 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: APRS on the internet
Message-ID: <Pine.GS0.3.94.960725105708.17716K-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I just did a Yahoo search on APRS. Last time I did this, I got about 50 matches and most were APRS. This time I got 750 matches and most were the Association of Professional Research whatevers... I guess as more and more web pages come on line, this was inevitable...

Although I could search on WinAPRS or MacAPRS, or APRSdos, that is not the point... the overall APRS name is much preferable as distinctions between platforms will become blurred...

I know that you can use the AND function in a search to be more specific, but unless we have a commonly know modifier, this doesnt give the unique distinction that is needed...

Anyone have a good idea how to make APRS itself stand out better?

de wb4apr@amsat.org

From ki5vm@flash.net Thu Jul 25 11:16:24 1996
Received: from defiant (defiant.flash.net [208.194.223.9]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id LAA16219 for <aprssig@tapr.org>; Thu, 25 Jul 1996 11:16:23 -0500 (CDT)
Received: from ki5vm (p-168.flash.net [208.194.192.168]) by defiant (8.6.12/8.6.9) with SMTP id LAA12729 for <aprssig@tapr.org>; Thu, 25 Jul 1996 11:16:04 -0500
Message-ID: <31F79DEE.7978@flash.net>
Date: Thu, 25 Jul 1996 11:16:46 -0500
From: "David W. McNeil" <ki5vm@flash.net>
Organization: Flashnet Communications
X-Mailer: Mozilla 2.01KIT (Win95; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: notebook ram
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

OK! I NEED INFO! HELP!

I am one who purchased a CompuADD Notebook computer only to have the company go "Out of business" last year. While trying to interface GPS and Aprs whith CD Rom map databases, I find myself in need of "MORE RAM".

I haven't been able to find a listing for the CompuADD in the ram board cross-reference manuals.

I was told at one time, but I can't remember now, who manufactured the notebook for CompuADD.(Was it Toshiba??)

Ah...regardless...I have a 486 CompuADD model 433TXC in dire need of ram.

Anyone have any info, or can point me in the right direction??

TNX in advance
de Dave KI5VM

From ki5vm@flash.net Thu Jul 25 11:41:46 1996
Received: from defiant (defiant.flash.net [208.194.223.9]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id LAA17429 for <aprssig@tapr.org>; Thu, 25 Jul 1996
11:41:45 -0500 (CDT)
Received: from ki5vm (p-168.flash.net [208.194.192.168]) by defiant (8.6.12/8.6.9)
with SMTP id LAA18156 for <aprssig@tapr.org>; Thu, 25 Jul 1996 11:41:35 -0500
Message-ID: <31F7A3E6.DF7@flash.net>
Date: Thu, 25 Jul 1996 11:42:14 -0500
From: "David W. McNeil" <ki5vm@flash.net>
Organization: Flashnet Communications
X-Mailer: Mozilla 2.01KIT (Win95; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3323] APRS on the internet
References: <Pine.GS0.3.94.960725105708.17716K-1000000@arctic>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bob:

How feasible would it be to flag for "Aprs System"??
I think I could live with that.
de Dave KI5VM

Bob Bruninga wrote:

>
> I just did a Yahoo search on APRS. Last time I did this, I got about 50
> matches and most were APRS. This time I got 750 matches and most were the
> Association of Professional Research whatevers... I guess as more and
> more web pages come on line, this was inevitable...
>
>..... but unless we have a commonly know modifier, this doesnt
> give the unique distinction that is needed...
>
> Anyone have a good idea how to make APRS itself stand out better?
>
> de wb4apr@amsat.org

From bruninga@nadn.navy.mil Thu Jul 25 11:57:50 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id LAA18469 for <aprssig@tapr.org>; Thu, 25
Jul 1996 11:57:49 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.6.12/8.6.12) with SMTP id NAA12567 for <aprssig@tapr.org>; Thu, 25 Jul 1996
13:02:42 -0400
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Thu, 25 Jul 1996 13:02:42 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic

To: aprssig@tapr.org
Subject: Re: [APRSSIG:3323] APRS on the internet
In-Reply-To: <Pine.GS0.3.94.960725105708.17716K-1000000@arctic>
Message-ID: <Pine.GS0.3.94.960725124519.17716Q-1000000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 25 Jul 1996, Bob Bruninga wrote:

> I just did a Yahoo search on APRS. Last time I did this, I got about 50
> matches and most were APRS. This time I got 750 and most were NOT...

APRSDOS REPLY COMMENT: Well, the obvious APRS + PACKET or APRS + POSITION
are good ideas. Originally APRS was the AUTOMATIC PACKET REPORTING
system, then I changed it to AUTOMATIC POSITION REPORTING SYSTEM, so these
will give inconsistent results.

How about APRS + RADIO?

How do the Search engines decide on the key words? Could everyone that is
doing an APRS WEB site be sure to use the key word RADIO somewhere in
their topics so that this APRS + RADIO would always work?

de wb4apr@amsat.org

From seront@seism1.ess.sunysb.edu Thu Jul 25 13:05:42 1996
Received: from ccm11.sunysb.edu (ccm11.sunysb.edu [129.49.1.103]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id NAA21398 for <aprssig@tapr.org>; Thu, 25 Jul 1996
13:05:40 -0500 (CDT)
Received: from seism1.ess.sunysb.edu by ccm11.sunysb.edu (PMDF V5.0-6 #8051)
id <01I7HQ0Z06SGA60HNQ@ccm11.sunysb.edu> for aprssig@tapr.org; Thu,
25 Jul 1996 14:05:36 -0400 (EDT)
Received: from cort0.ess.sunysb.edu by seism1.ess.sunysb.edu (4.1/SMI-4.1)
id AA04591; Thu, 25 Jul 1996 14:04:54 -0400 (EDT)
Date: Thu, 25 Jul 1996 14:05:00 -0400
From: Bernard Seront <seront@seism1.ess.sunysb.edu>
Subject: MAR-6.
X-Sender: seront@seism1.ess.sunysb.edu
To: aprssig@tapr.org
Message-id: <2.2.32.19960725180500.0075dca4@seism1.ess.sunysb.edu>
MIME-version: 1.0
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Content-type: text/plain; charset="us-ascii"
Content-transfer-encoding: 7BIT

I sent almost all the chips I ordered, that's more than 50!
If you didn't participate in the group purchase, please don't send any money
to buy some, I won't be able to provide them. Send me an email FIRST, and
i'll see what I can do (I still have a couple of orders pending, if they
don't come I'll have some MAR-6 available...)

I eventually got the time to put together a short "how to" for the GPS pre-
amplifier, project with a PCB layout.

It's available on my web page at:

<http://rock.seism1.ess.sunysb.edu:8080/hobby.html>

Please see this has a first draft, certainly not perfect. I would really appreciate any feedback on it, especially if I made a big mistake.

I would prefer you don't post it on any other web site for now. It will be freely available after correction and improvements. Do not link my page either, the server is going to die soon.

I built a prototype on a patch antenna and it works quite well. I didn't find any suitable double side PCB, so this is not perfect, but it's definitively worse it. If someone has a source of double side G10 PCB let me know.

Bernard, KB2TGH.

Bernard Seront, seront@seism1.ess.sunysb.edu (MIME ok)

<http://rock.ess.sunysb.edu:8080/>

From seront@seism1.ess.sunysb.edu Thu Jul 25 13:09:47 1996

Received: from ccmail.sunysb.edu (ccmail.sunysb.edu [129.49.1.103]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id NAA21446 for aprssig@tapr.org; Thu, 25 Jul 1996 13:09:44 -0500 (CDT)

Received: from seism1.ess.sunysb.edu by ccmail.sunysb.edu (PMDF V5.0-6 #8051) id <01I7HQU27QA8A62J20@ccmail.sunysb.edu> for aprssig@tapr.org; Thu, 25 Jul 1996 14:09:41 -0400 (EDT)

Received: from corto.ess.sunysb.edu by seism1.ess.sunysb.edu (4.1/SMI-4.1) id AA04594; Thu, 25 Jul 1996 14:08:59 -0400 (EDT)

Date: Thu, 25 Jul 1996 14:09:05 -0400

From: Bernard Seront <seront@seism1.ess.sunysb.edu>

Subject: Re: [APRSSIG:3323] APRS on the internet

X-Sender: seront@seism1.ess.sunysb.edu

To: aprssig@tapr.org

Message-id: <2.2.32.19960725180905.00689d10@seism1.ess.sunysb.edu>

MIME-version: 1.0

X-Mailer: Windows Eudora Pro Version 2.2 (32)

Content-type: text/plain; charset="us-ascii"

Content-transfer-encoding: 7BIT

At 10:29 AM 7/25/96 -0500, you wrote:

>I just did a Yahoo search on APRS. Last time I did this, I got about 50
>matches and most were APRS. This time I got 750 matches and most were the
>Association of Professional Research whatevers... I guess as more and
>more web pages come on line, this was inevitable...
>

>I know that you can use the AND function in a search to be more
>specific, but unless we have a commonly know modifier, this doesnt
>give the unique distinction that is needed...
>

Was it Magellan instead of Yahoo that gave you that?

I tried the search engines available under netscape:

Yahoo: 2 hits only, but both related to APRS

Infoseek: >50 hits, majority related to APRS

Lycos: about the same

Magellan: >50 hits majority related to "Association ...P R whatever".

Nobody is likely to go further than the first 100 hits, if you are after that it's useless.

Actually this is not that bad at all, except for Magellan.

>Anyone have a good idea how to make APRS itself stand out better?

>

This is not easy. It involves understanding how the search engines analyse the information in a page to construct the database. None of the search engines I look at would give an explanation on "how" they do that. It is automatic for sure, Lycos even says the method is "patent pending".

A few tips:

You can add your pages yourself to the majority of these search engines. It's not a guarantee of listing, but a good start. The help section of the search engines explain how to do that.

Everyone putting a page related with APRS should have APRS appear on the page(!). Put APRS in the title of the page too (i.e. the name of the should be like: <title>APRS blabla</title>). Put it as headings 1 (<H1>APRS...</H1>). Make it prominent.

Someone searching for APRS, is likely (if there's no match) to add "AND radio", "AND packet", "AND packet-radio", "and HAM" ... Be sure these words (or other relevant keywords) appear in the page too. APRS-dos, Win-APRS ... are better than APRSdos or WinAPRS, the hyphen make them 2 separate words.

Even if it is not the object of the page, a short introduction about APRS at the beginning of the main APRS page is likely to contain lots of keywords, and will be listed as abstract by the search engine.

Put your aprs pages in a subdirectory named APRS, may increase the chance of listing (the "Association P R...whatever" is always listed in a sub dir .../APRS/...).

Be sure your pages remain accessible all the time, they are checked periodically. If your change the URL, submit the change to the search engine. The search engine will find and list EVERY page linked to your page (so submitting the main page is enough).

If your add your page to one search engine the other one are likely to catch it soon!

The logo APRS is not bad by itself: this is not an usual word.

Try to find -my- pages with a search engine. My last name is a very common french word (it's a form of "to be") and appears every other line in any french text: you'll see how a search engine can be stupid. Now that I added myself (what an ego!) to a search engine I'm there, :-).

Bernard, KB2TGH.

PS: Gregory Seront is my cousin, the world is sooo small...

Bernard Seront, seront@seism1.ess.sunysb.edu (MIME ok)
http://rock.ess.sunysb.edu:8080/

From jagrelo@cris.com Thu Jul 25 13:15:08 1996
Received: from franklin.cris.com (franklin.cris.com [199.3.12.31]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id NAA21536 for <aprssig@tapr.org>; Thu, 25 Jul 1996 13:15:01 -0500 (CDT)
Received: from darius.cris.com (darius [199.3.12.32])
by franklin.cris.com (8.7.5/(96/06/11 2.45))
id OAA05721; Thu, 25 Jul 1996 14:14:55 -0400 (EDT)
[1-800-745-2747 The Concentric Network]
Errors-To: jagrelo@cris.com
Received: from crc3.pop3.net (cnc059037.concentric.net [206.83.77.37])
by darius.cris.com (8.7.5)
id OAA01976; Thu, 25 Jul 1996 14:14:52 -0400 (EDT)
Message-ID: <31F7E4D6.3A7C@concentric.net>
Date: Thu, 25 Jul 1996 14:19:18 -0700
From: Joseph Agrelo <jagrelo@cris.com>
Organization: Agrelo Engineering
X-Mailer: Mozilla 2.01 (Win95; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3326] Re: APRS on the internet
References: <Pine.GS0.3.94.960725124519.17716Q-100000@arctic>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bob Bruninga wrote:

>
> On Thu, 25 Jul 1996, Bob Bruninga wrote:
>
> > I just did a Yahoo search on APRS. Last time I did this, I got about 50
> > matches and most were APRS. This time I got 750 and most were NOT...
>
> APRSdos REPLY COMMENT: Well, the obvious APRS + PACKET or APRS + POSITION
> are good ideas. Originally APRS was the AUTOMATIC PACKET REPORTING
> system, then I changed it to AUTOMATIC POSITION REPORTING SYSTEM, so these
> will give inconsistent results.
>
> How about APRS + RADIO?
>
> How do the Search engines decide on the key words? Could everyone that is

> doing an APRS WEB site be sure to use the key word RADIO somewhere in
> their topics so that this APRS + RADIO would always work?
>
> de wb4apr@amsat.org

These "key words" are determined by the people creating the web pages. You have to specify desired key words when submitting your URL to the search engines.

i.e.

URL= <http://home.navisoft.com/agrelo/ae.htm>
KEY WORDS= DFjr, transmitters, etc.

Key words could be: Automatic Position Reporting System, APRS Radio, APRS Packet, APRS Telemetry, ETC...

73 De Joe N200C

XX

Agrelo Engineering
Joe Agrelo/President
1145 Catalyn St. Schenectady, NY 12303 USA
(518)381-1057
(518)381-1058

E-Mail: Jagrelo@concentric.net

WEB: <http://home.navisoft.com/agrelo/ae.htm>

Designer & Manufacturer of intelligent microprocessor
based Doppler and talking products
Experts in Microchip & Motorola processors

XX

From jagrelo@cris.com Thu Jul 25 13:23:07 1996

Received: from franklin.cris.com (franklin.cris.com [199.3.12.31]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id NAA21958 for <aprssig@tapr.org>; Thu, 25 Jul 1996 13:23:04 -0500 (CDT)

Received: from darius.cris.com (darius [199.3.12.32])
by franklin.cris.com (8.7.5/(96/06/11 2.45))
id OAA11641; Thu, 25 Jul 1996 14:23:03 -0400 (EDT)
[1-800-745-2747 The Concentric Network]

Errors-To: jagrelo@cris.com

Received: from crc3.pop3.net (cnc059037.concentric.net [206.83.77.37])
by darius.cris.com (8.7.5)
id OAA04877; Thu, 25 Jul 1996 14:23:00 -0400 (EDT)

Message-ID: <31F7E6BF.13F8@concentric.net>

Date: Thu, 25 Jul 1996 14:27:27 -0700

From: Joseph Agrelo <jagrelo@cris.com>

Organization: Agrelo Engineering

X-Mailer: Mozilla 2.01 (Win95; U)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: Re: [APRSSIG:3325] Re: APRS on the internet

References: <31F7A3E6.DF7@flash.net>

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

David W. McNeil wrote:

```
>
> Bob:
> How feasible would it be to flag for "Aprs System"??
> I think I could live with that.
> de Dave KI5VM
>
> Bob Bruninga wrote:
> >
> > I just did a Yahoo search on APRS. Last time I did this, I got about 50
> > matches and most were APRS. This time I got 750 matches and most were the
> > Association of Professional Research whatevers... I guess as more and
> > more web pages come on line, this was inevitable...
> >
> >..... but unless we have a commonly know modifier, this doesnt
> > give the unique distinction that is needed...
> >
> > Anyone have a good idea how to make APRS itself stand out better?
> >
> > de wb4apr@amsat.org
```

It would be difficult to convince everyone, especially new comers, to use anything but APRS for the search. Unless..from today, everybody in the world starts calling it

"APRS system" and still, I think people will tend to search on APRS only. After all...you want people to find APRS who never heard of it before. Those of us who are fluent APRSers know the difference between what ever else it stands for and the real McCoy.

Well...just my two cents worth, not a penny less or a penny more, and you know what that'll get ya;-)

73 De Joe N200C

XX

Agrelo Engineering

Joe Agrelo/President

1145 Catalyn St. Schenectady, NY 12303 USA

(518)381-1057

(518)381-1058

E-Mail: Jagrelo@concentric.net

WEB: <http://home.navisoft.com/agrelo/ae.htm>

Designer & Manufacturer of intelligent microprocessor
based Doppler and talking products

Experts in Microchip & Motorola processors

XX

From ssable@ic.net Thu Jul 25 13:43:26 1996

Received: from ic.net (root@falcon.ic.net [152.160.101.1]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id NAA23082 for <aprssig@tapr.org>; Thu, 25 Jul 1996
13:43:22 -0500 (CDT)

Received: from ssable by ic.net with smtp

(Smail3.1.28.1 #6) id m0ujVNO-003FaAC; Thu, 25 Jul 96 14:43 WET DST
Message-Id: <m0ujVNO-003FaAC@ic.net>
X-Sender: ssable@ic.net
X-Mailer: Windows Eudora Pro Version 2.1.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Thu, 25 Jul 1996 14:42:25 -0400
To: aprssig@tapr.org
From: Steve Sable <ssable@ic.net>
Subject: Rain Gauge

I am confused with the readings or how to read my rain gauge with the
Ultimeter 500. The gauge's that were avail were the "self emptying"
1/100 or the 1/10. I got the 1/100.
The 500 display read's right now 0.00in. If the amount of rain showed
0.04in on the 500, how would you read this? Would it be 4 one hundredth's
of an inch or 4 tenths of an inch?
Do I need to change the display the on 500 to read 0.0in instead of
0.00in?

====

Does Peet Bros have their web page up yet?

From crawford@vt8200.vetmed.lsu.edu Thu Jul 25 13:57:16 1996
Received: from vt8200.vetmed.lsu.edu (vt8200.vetmed.lsu.edu [130.39.129.64]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id NAA23718 for <aprssig@tapr.org>; Thu, 25
Jul 1996 13:57:13 -0500 (CDT)
Date: Thu, 25 Jul 1996 13:57:01 -0500
Message-Id: <96072513570175@vt8200.vetmed.lsu.edu>
From: crawford@vt8200.vetmed.lsu.edu (Dr. Pat M Crawford - Louisiana State
University (SVM))
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3180] Re: Helicopter GPS
X-VMS-To: SMTP%"aprssig@tapr.org"

From wa8inz@cris.com Thu Jul 25 14:16:01 1996
Received: from franklin.cris.com (franklin.cris.com [199.3.12.31]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id OAA24687 for <aprssig@tapr.org>; Thu, 25 Jul 1996
14:15:59 -0500 (CDT)
Received: from darius.cris.com (darius [199.3.12.32])
by franklin.cris.com (8.7.5/(96/06/11 2.45))
id PAA14953; Thu, 25 Jul 1996 15:15:56 -0400 (EDT)
[1-800-745-2747 The Concentric Network]
Errors-To: wa8inz@cris.com
Received: from LOCALNAME (cnc80149.concentric.net [206.83.64.49])
by darius.cris.com (8.7.5)
id PAA22602; Thu, 25 Jul 1996 15:15:54 -0400 (EDT)
Message-ID: <31F7E407.610F@concentric.net>
Date: Thu, 25 Jul 1996 14:15:51 -0700
From: William Nolle <wa8inz@cris.com>
Organization: None
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org

Subject: Re: [APRSSIG:3323] APRS on the internet
References: <Pine.GS0.3.94.960725105708.17716K-100000@arctic>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bob Bruninga wrote:

>
> I just did a Yahoo search on APRS. Last time I did this, I got about 50
> matches and most were APRS. This time I got 750 matches and most were the
> Association of Professional Research whatevers... I guess as more and
> more web pages come on line, this was inevitable...
>
> Although I could search on WinAPRS or MacAPRS, or APRSdos, that is
> not the point... the overall APRS name is much preferable as
> distinctions between platforms will become blurred...
>
> I know that you can use the AND function in a search to be more
> specific, but unless we have a commonly know modifier, this doesnt
> give the unique distinction that is needed...
>
> Anyone have a good idea how to make APRS itself stand out better?
>
> de wb4apr@amsat.org

Well call it WORLDAPRS, HAMAPRS. I'm sure you will hear more Hi.

--

\\///
(o o)
--o00-()-00o--
Bill WA8INZ
wa8inz@cris.com
wa8inz@amsat.org

From wa8inz@cris.com Thu Jul 25 14:28:35 1996
Received: from franklin.cris.com (franklin.cris.com [199.3.12.31]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id OAA25426 for <aprssig@tapr.org>; Thu, 25 Jul 1996
14:28:33 -0500 (CDT)
Received: from darius.cris.com (darius [199.3.12.32])
by franklin.cris.com (8.7.5/(96/06/11 2.45))
id PAA22337; Thu, 25 Jul 1996 15:28:30 -0400 (EDT)
[1-800-745-2747 The Concentric Network]
Errors-To: wa8inz@cris.com
Received: from LOCALNAME (cnc802186.concentric.net [206.173.113.186])
by darius.cris.com (8.7.5)
id PAA26781; Thu, 25 Jul 1996 15:28:28 -0400 (EDT)
Message-ID: <31F7E6D9.7ABD@concentric.net>
Date: Thu, 25 Jul 1996 14:27:53 -0700
From: William Nolle <wa8inz@cris.com>
Organization: None
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Web Search

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Well i just did a search on WORLDAPRS and neither Yahoo, Lycos, Excite and others couldn't come up with anything at all. So take it for what it's worth.

--

```

      \\\\\
      (o o)
*--o00-( )-00o--*
      Bill WA8INZ
      wa8inz@cris.com
      wa8inz@amsat.org
```

From sdimse@bridge.net Thu Jul 25 14:36:20 1996

Received: from relay5.UU.NET (relay5.UU.NET [192.48.96.15]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id OAA25956 for <aprssig@tapr.org>; Thu, 25 Jul 1996 14:36:18 -0500 (CDT)

Received: from bridge.net by relay5.UU.NET with ESMTP (peer crosschecked as: newworld.bridge.net [204.253.4.4]) id QQazxu12865; Thu, 25 Jul 1996 15:36:14 -0400 (EDT)

Received: from (ppp-mia2-71.bridge.net [204.253.4.71]) by bridge.net (8.7.5/8.7.3) with SMTP id PAA24327 for <aprssig@tapr.org>; Thu, 25 Jul 1996 15:33:11 -0400 (EDT)

Message-Id: <199607251933.PAA24327@bridge.net>

Subject: Re: [APRSSIG:3325] Re: APRS on the internet

Date: Thu, 25 Jul 96 15:36:03 -0400

x-sender: sdimse@mail.bridge.net

x-mailer: Claris Emailer 1.1

From: Steve Dimse <sdimse@bridge.net>

To: <aprssig@tapr.org>

Mime-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"

>Bob:

>How feasible would it be to flag for "Aprs System"??

>I think I could live with that.

>de Dave KI5VM

>

That would stand for Automatic Position Reporting System System!

73's (Best Regardses) Steve K04HD

From sdimse@bridge.net Thu Jul 25 14:37:35 1996

Received: from relay6.UU.NET (relay6.UU.NET [192.48.96.16]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id OAA25994 for <aprssig@tapr.org>; Thu, 25 Jul 1996 14:37:33 -0500 (CDT)

Received: from bridge.net by relay6.UU.NET with ESMTP (peer crosschecked as: newworld.bridge.net [204.253.4.4]) id QQazxu04218; Thu, 25 Jul 1996 15:37:31 -0400 (EDT)

Received: from (ppp-mia2-71.bridge.net [204.253.4.71]) by bridge.net (8.7.5/8.7.3) with SMTP id PAA24557 for <aprssig@tapr.org>; Thu, 25 Jul 1996 15:34:38 -0400 (EDT)

Message-Id: <199607251934.PAA24557@bridge.net>
Subject: Re: [APRSSIG:3329] Re: APRS on the internet
Date: Thu, 25 Jul 96 15:37:29 -0400
x-sender: sdimse@mail.bridge.net
x-mailer: Claris Emailer 1.1
From: Steve Dimse <sdimse@bridge.net>
To: <aprssig@tapr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

>These "key words" are determined by the people creating the web pages. You
>have to
>specifiy desired key words when submitting your URL to the search engines.
>
>i.e.
>
>URL= http://home.navisoft.com/agrelo/ae.htm
>KEY WORDS= DFjr, transmitters, etc.
>
>Key words could be: Automatic Position Reporting System, APRS Radio, APRS
>Packet,
>APRS Telemetry, ETC...
>
Depends on the search engine. A lot of them index all text on a page,
e.g. altavista

Steve K04HD

From n8chb@tir.com Thu Jul 25 14:38:22 1996
Received: from tir.com (sun.tir.com [205.138.41.6]) by tapr.org (8.7.5/8.7.3/1.9)
with ESMTP id 0AA26012 for <aprssig@tapr.org>; Thu, 25 Jul 1996 14:38:21 -0500
(CDT)
Received: from n8chb.tir.com (an24liv.tir.com [205.218.84.26]) by tir.com
(8.7.5/8.7) with SMTP id PAA11542 for <aprssig@tapr.org>; Thu, 25 Jul 1996
15:34:24 -0400 (EDT)
Message-ID: <31F7BEB1.69FD@tir.com>
Date: Thu, 25 Jul 1996 19:36:33 +0100
From: Roger Breckon <n8chb@tir.com>
Reply-To: n8chb@tir.com
X-Mailer: Mozilla 3.0b5a (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: AEA
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I'm experimenting with my AEA command codes and would like to
compare them.

tnc's - 88 and pk-900 (any other set-up will be fine too)
Please e-mail direct, also I will send my initaea.tnc file
to anyone that asks as long as u don't use as is. hi hi

thanks,

de Roger n8chb@tir.com

From bruninga@nadn.navy.mil Thu Jul 25 14:53:23 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id OAA26862 for <aprssig@tapr.org>; Thu, 25 Jul 1996 14:53:20 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil (8.6.12/8.6.12) with SMTP id PAA28775 for <aprssig@tapr.org>; Thu, 25 Jul 1996 15:58:16 -0400
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Thu, 25 Jul 1996 15:58:15 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: KF2WM
Message-ID: <Pine.GS0.3.94.960725155649.25020C-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

If anyone knows how to contact KF2WM, my mail to him is bouncing...
If you can pass something to him, lemme know...

de wb4apr@amsat.org

From rwf@mindspring.com Thu Jul 25 15:18:03 1996
Received: from itchy.mindspring.com (itchy.mindspring.com [204.180.128.6]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id PAA28216 for <aprssig@tapr.org>; Thu, 25 Jul 1996 15:18:01 -0500 (CDT)
Received: from borg.mindspring.com (borg.mindspring.com [204.180.128.14]) by itchy.mindspring.com (8.7.5/8.7.3) with ESMTP id QAA01821 for <aprssig@tapr.org>; Thu, 25 Jul 1996 16:18:00 -0400 (EDT)
Received: from rwf.mindspring.com (user-168-121-44-154.dialup.mindspring.com [168.121.44.154]) by borg.mindspring.com (8.6.12/8.6.12) with SMTP id QAA23118 for <aprssig@tapr.org>; Thu, 25 Jul 1996 16:17:56 -0400
Message-Id: <2.2.32.19960725150528.006ab668@atl.mindspring.com>
X-Sender: rwf@atl.mindspring.com
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Thu, 25 Jul 1996 11:05:28 -0400
To: aprssig@tapr.org
From: rwf <rwf@mindspring.com>
Subject: Re: [APRSSIG:3306] Re:

I have mentioned this to Steve, that he needs a 32 mile map to see all of us (and the DIGIS), but he doesn't know what a 32 mile map is. It means nothing to a Mac User. I'll send him the DOS GA-ATL.MAP and he can use it. Then you'll see all of us.

I was thinking he could snapshot a map like he has been using, but just make it a bigger radius. You are right, though about the DeLorme maps being really "busy" tho.

I'm sending him the map now.

Ralph Fowler
N4NEQ

Lew wrote:

Only about
>1/5 of the stations are within the Atlanta map, so you might have to
>wait a while. Also, the APRS symbols are camouflaged by the yellow
>background, and are quite hard to see.
>

From bruninga@nadm.navy.mil Thu Jul 25 15:18:14 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id PAA28302 for <aprssig@tapr.org>; Thu, 25
Jul 1996 15:18:11 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil
(8.6.12/8.6.12) with SMTP id QAA00535 for <aprssig@tapr.org>; Thu, 25 Jul 1996
16:23:02 -0400
X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs
Date: Thu, 25 Jul 1996 16:23:02 -0400 (EDT)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3328] Re: APRS on the internet
In-Reply-To: <2.2.32.19960725180905.00689d10@seism1.ess.sunysb.edu>
Message-ID: <Pine.GS0.3.94.960725161335.25020H-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 25 Jul 1996, Bernard Seront tried the search engines available
under netscape and got:

> Yahoo: 2 hits only, but both related to APRS
> Infoseek: >50 hits, majority related to APRS
> Lycos: about the same
> Magellan: >50 hits majority related to "Association ...P R whatever".

APRSdos REPLY COMMENT: I saw the same thing, 2 hits on YAHOO, but then
saw in the fine print "displaying the first 10 of 750"... Paging down
ad nauseum revealed the rest...

de wb4apr@amsat.org

From bruninga@nadm.navy.mil Thu Jul 25 15:27:59 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id PAA28924 for <aprssig@tapr.org>; Thu, 25
Jul 1996 15:27:57 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil
(8.6.12/8.6.12) with SMTP id QAA01083 for <aprssig@tapr.org>; Thu, 25 Jul 1996
16:32:52 -0400

X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Thu, 25 Jul 1996 16:32:52 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3331] Rain Gauge
In-Reply-To: <m0ujVNO-003FaAC@ic.net>
Message-ID: <Pine.GS0.3.94.960725162844.25020J-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 25 Jul 1996, Steve Sable wrote:

> I am confused with the readings or how to read my rain gauge with the
> Ultimeter 500. The 500 display read's right now 0.00in. If the amount
> of rain showed 0.04in on the 500, how would you read this? Would it be 4
> one hundredth's of an inch or 4 tenths of an inch?

APRSDos REPLY COMMENT: IN APRS, the display is always the same /Rith

Where "i" is inches, "t" is tenths and "h" is hundredths. But the count that APRS gets from the ULTIMETER is simply just a numerical count of hits. That is why you have to tell APRS whether each count means tenths or 100's instrument....

de wb4apr@amsat.org

From mead@hamal.usc.edu Thu Jul 25 16:06:54 1996
Received: from usc.edu (root@usc.edu [128.125.253.136]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id QAA01897 for <aprssig@tapr.org>; Thu, 25 Jul 1996 16:06:52 -0500 (CDT)
Received: from hamal.usc.edu (mead@hamal.usc.edu [128.125.18.25]) by usc.edu (8.7.2/8.7.2/usc) with ESMTP id OAA13655 for <aprssig@tapr.org>; Thu, 25 Jul 1996 14:06:50 -0700 (PDT)
Received: (from mead@localhost) by hamal.usc.edu (8.7.2/8.7.3/usc) id OAA28796; Thu, 25 Jul 1996 14:06:50 -0700 (PDT)
Date: Thu, 25 Jul 96 14:06:49 PDT
From: Dick Mead <mead@hamal.usc.edu>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3334] Web Search
In-Reply-To: Your message of Thu, 25 Jul 1996 14:43:35 -0500 (CDT)
Message-ID: <CMM.0.90.4.838328809.mead@hamal.usc.edu>

aprs and radio

works fine, seems logical, especially with the 'and'

;))

Dick WB6NGC

www.altavista.digital.com scores ~3000

From jagrelo@cris.com Thu Jul 25 16:09:27 1996

Received: from franklin.cris.com (franklin.cris.com [199.3.12.31]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id QAA01973 for <aprssig@tapr.org>; Thu, 25 Jul 1996 16:09:24 -0500 (CDT)

Received: from darius.cris.com (darius [199.3.12.32])
by franklin.cris.com (8.7.5/(96/06/11 2.45))
id RAA22463; Thu, 25 Jul 1996 17:09:09 -0400 (EDT)
[1-800-745-2747 The Concentric Network]

Errors-To: jagrelo@cris.com

Received: from crc3.pop3.net (cnc059035.concentric.net [206.83.77.35])
by darius.cris.com (8.7.5)
id RAA06989; Thu, 25 Jul 1996 17:09:03 -0400 (EDT)

Message-ID: <31F80DAA.693F@concentric.net>

Date: Thu, 25 Jul 1996 17:13:30 -0700

From: Joseph Agrelo <jagrelo@cris.com>

Organization: Agrelo Engineering

X-Mailer: Mozilla 2.01 (Win95; U)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: Re: [APRSSIG:3336] Re: APRS on the internet

References: <199607251934.PAA24557@bridge.net>

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Steve Dimse wrote:

>
> >These "key words" are determined by the people creating the web pages. You
> >have to
> >specifiy desired key words when submitting your URL to the search engines.
> >
> >i.e.
> >
> >URL= <http://home.navisoft.com/agrelo/ae.htm>
> >KEY WORDS= DFjr, transmitters, etc.
> >
> >Key words could be: Automatic Position Reporting System, APRS Radio, APRS
> >Packet,
> >APRS Telemetry, ETC...
> >
> Depends on the search engine. A lot of them index all text on a page,
> e.g. altavista
>
> Steve K04HD

Oh!

73 De Joe N200C

From n2iph@cyberenet.net Thu Jul 25 17:20:32 1996

Received: from admin.cyberenet.net (admin.cyberenet.net [204.213.252.6]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id RAA05331 for <aprssig@tapr.org>; Thu, 25

Jul 1996 17:20:31 -0500 (CDT)
Received: from ux1.cyberenet.net by admin.cyberenet.net with smtp
(Smail3.1.29.1 #7) id m0ujYlg-000C53C; Thu, 25 Jul 96 18:20 EDT
Received: from n2iph.ppp.cyberenet.net by ux1.cyberenet.net with smtp
(Smail3.1.29.1 #8) id m0ujYle-00009CC; Thu, 25 Jul 96 18:20 EDT
Message-ID: <31F81DB8.4996@cyberenet.net>
Date: Thu, 25 Jul 1996 18:22:00 -0700
From: Bob Derderian <n2iph@cyberenet.net>
Organization: I&C
X-Mailer: Mozilla 2.01 (Win16; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3326] Re: APRS on the internet
References: <Pine.GS0.3.94.960725124519.17716Q-100000@arctic>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Search engines get their ques from the author of the page. That is when the page is created the author can specify in the document topics which when the page is registered with a search engine are what are used to create indexes that the search engine will use during a search.

So it seemd to me that the pages already out there would need to be edited to include a consistant reference topic, maybe
Amateur Radio + APRS or APRS + GPS or something along these lines.

But first an agreement on topic name/title should be discussed and pinned down here on the SIG.

73...Bob, n2iph

From n2iph@cyberenet.net Thu Jul 25 17:33:35 1996
Received: from admin.cyberenet.net (admin.cyberenet.net [204.213.252.6]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id RAA05947 for <aprssig@tapr.org>; Thu, 25 Jul 1996 17:33:28 -0500 (CDT)
Received: from ux1.cyberenet.net by admin.cyberenet.net with smtp
(Smail3.1.29.1 #7) id m0ujYyF-000C53C; Thu, 25 Jul 96 18:33 EDT
Received: from n2iph.ppp.cyberenet.net by ux1.cyberenet.net with smtp
(Smail3.1.29.1 #8) id m0ujYyD-00009DC; Thu, 25 Jul 96 18:33 EDT
Message-ID: <31F820C5.1979@cyberenet.net>
Date: Thu, 25 Jul 1996 18:35:01 -0700
From: Bob Derderian <n2iph@cyberenet.net>
Organization: I&C
X-Mailer: Mozilla 2.01 (Win16; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: APRS and internet searches
X-URL: <http://www.cyberenet.net/~n2iph/bob.htm>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The text below copied from a ALta-Vista search on

"APRS + Packet Radio"

AltaVista Web Pages

Found 20579 matches containing aprs + packet radio.
Displaying matches 11-20.

73...Bob

NNNN

From Lew.Midlam@pobox.com Thu Jul 25 17:59:01 1996
Received: from perseus.peganet.com (root@perseus.peganet.com [206.102.200.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id RAA06849 for <aprssig@tapr.org>; Thu, 25 Jul 1996 17:58:59 -0500 (CDT)
Received: from Peganet.peganet.com (peg1-ts13.peganet.com [206.102.200.213]) by perseus.peganet.com (8.6.12/8.6.9) with SMTP id TAA22211 for <aprssig@tapr.org>; Thu, 25 Jul 1996 19:09:22 -0400
Message-ID: <31F7FC2C.36A0@pobox.com>
Date: Thu, 25 Jul 1996 18:58:52 -0400
From: Lew Midlam <Lew.Midlam@pobox.com>
Reply-To: Lew.Midlam@pobox.com
X-Mailer: Mozilla 3.0b5a (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3324] notebook ram
References: <31F79DEE.7978@flash.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

David W. McNeil wrote:

> Ah...regardless...I have a 486 CompuADD model 433TXC in dire need of ram.
> Anyone have any info, or can point me in the right direction??
>
> TNX in advance
> de Dave KI5VM

Check out the Raod Warriier Outpost at <http://www.warrior.com/>

-Lew

From n2czf@magg.net Thu Jul 25 18:15:20 1996
Received: from grumpy.magg.net (root@grumpy.magg.net [205.218.112.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id SAA07660 for <aprssig@tapr.org>; Thu, 25 Jul 1996 18:15:19 -0500 (CDT)
Received: from Cybergate (wpb-141.magg.net [205.218.112.141]) by grumpy.magg.net (8.7.5/8.7.3) with SMTP id TAA06083 for <aprssig@tapr.org>; Thu, 25 Jul 1996 19:10:32 -0400

Date: Thu, 25 Jul 1996 19:10:32 -0400
Message-Id: <199607252310.TAA06083@grumpy.magg.net>
X-Sender: n2czf@magg.net
X-Mailer: Windows Eudora Version 1.4.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: n2czf@magg.net (Richard Garcia)
Subject: Re: APRS on the internet and Searches

Most of the hits I get on APRS is from where else ??? The Naval Post Graduate school I think. Something about minutes of some meetings, whatever it is they have a LOT of DATA!!!!

>On Thu, 25 Jul 1996, Bob Bruninga wrote:

>
>> I just did a Yahoo search on APRS. Last time I did this, I got about 50
>> matches and most were APRS. This time I got 750 and most were NOT...

>
>APRSdos REPLY COMMENT: Well, the obvious APRS + PACKET or APRS + POSITION
>are good ideas. Originally APRS was the AUTOMATIC PACKET REPORTING
>system, then I changed it to AUTOMATIC POSITION REPORTING SYSTEM, so these
>will give inconsistent results.

>
>How about APRS + RADIO?

>
>How do the Search engines decide on the key words? Could everyone that is
>doing an APRS WEB site be sure to use the key word RADIO somewhere in
>their topics so that this APRS + RADIO would always work?

>
>de wb4apr@amsat.org

>
>
73's Rich N2CZF
n2czf@magg.net
<http://www.magg.net/~n2czf> (Personal)
<http://www.magg.net/~n2czf/aprs.html> (Florida APRS)
Jupiter Farms Florida EL96

From k0bwn@juno.com Thu Jul 25 18:27:46 1996
Received: from x1.boston.juno.com (x1.boston.juno.com [205.231.100.21]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id SAA08676 for <aprssig@tapr.org>; Thu, 25
Jul 1996 18:27:44 -0500 (CDT)
Received: (from k0bwn@juno.com) by x1.boston.juno.com (queuemail)
id TAA17327; Thu, 25 Jul 1996 19:27:34 EDT
To: aprssig@tapr.org
Date: Wed, 24 Jul 1996 18:09:38 PST
Subject: Re: javAPRS with Live data
Message-ID: <19960725.164643.9590.0.k0bwn@juno.com>
References: <199607242217.SAA12790@bridge.net>
X-Mailer: Juno 1.00
X-Juno-Line-Breaks: 0,2-11,13-18

From: k0bwn@juno.com (James L McVay)

On Wed, 24 Jul 1996 17:36:33 -0500 (CDT) Steve Dimse <sdimse@bridge.net> writes:

>>All I get is

>>

>>

>> Sorry, your browser doesn't do Java!

>>

>>

>>BUT IT DOES! I am running Netscae 2.02 16 bit. What am I doing
>wrong?

Sorry I can't help because I'm not knowledgeable enough but I can say
that it works with Netscape 2.01E

NEAT!!!

Jim, K0BWN
k0bwn@juno.com.

From R.Radmore@worldnet.att.net Thu Jul 25 18:36:47 1996
Received: from mtigwc01.worldnet.att.net (mailhost.worldnet.att.net
[204.127.129.3]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id SAA09262 for
<aprssig@tapr.org>; Thu, 25 Jul 1996 18:36:45 -0500 (CDT)
Received: from LOCALNAME ([199.70.5.214]) by mtigwc01.worldnet.att.net
(post.office MTA v2.0 0613) with SMTP id AAA369
for <aprssig@tapr.org>; Thu, 25 Jul 1996 23:36:13 +0000
X-Sender: R.Radmore@postoffice.worldnet.att.net
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: Robert Radmore <R.Radmore@worldnet.att.net>
Subject: Re: [APRSSIG:3338] KF2WM
Date: Thu, 25 Jul 1996 23:36:13 +0000
Message-ID: <19960725233610.AAA369@LOCALNAME>

At 08:11 PM 7/25/96 +0000, you wrote:

>If anyone knows how to contact KF2WM, my mail to him is bouncing...

>If you can pass something to him, lemme know...

>

>de wb4apr@amsat.org

>

Bob,

KF2WM is a personal friend. If you wish to answer thru me I will forward by
landline. He does have his validation if that is the question.

73 de N2PWP

From sdimse@bridge.net Thu Jul 25 19:09:58 1996
Received: from relay5.UU.NET (relay5.UU.NET [192.48.96.15]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id TAA10810 for <aprssig@tapr.org>; Thu, 25 Jul 1996

19:09:56 -0500 (CDT)

Received: from bridge.net by relay5.UU.NET with ESMTP

(peer crosschecked as: newworld.bridge.net [204.253.4.4])

id QQazym17600; Thu, 25 Jul 1996 20:09:53 -0400 (EDT)

Received: from (ppp-mia2-75.bridge.net [204.253.4.75]) by bridge.net (8.7.5/8.7.3) with SMTP id UAA21543 for <aprssig@tapr.org>; Thu, 25 Jul 1996 20:06:47 -0400 (EDT)

Message-Id: <199607260006.UAA21543@bridge.net>

Subject: Re: [APRSSIG:3345] APRS and internet searches

Date: Thu, 25 Jul 96 20:09:40 -0400

x-sender: sdimse@mail.bridge.net

x-mailer: Claris Emailer 1.1

From: Steve Dimse <sdimse@bridge.net>

To: <aprssig@tapr.org>

Mime-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"

>The text below copied from a Alta-Vista search on

>

>"APRS + Packet Radio"

>

>

>AltaVista Web Pages

>

>Found 20579 matches containing aprs + packet radio.

>Displaying matches 11-20.

>

In AltaVista the syntax above results in searching for all docs containing Packet, and the results are prioritized by the other two words. A plus sign means to be found it must contain that word, and phrases must be in double quotes. The search you meant (I think) would be:

+APRS +"Packet Radio"

Which finds all docs containing both APRS and the phrase packet radio.

+APRS +Packet +Radio

would only find docs containing all three words.

+APRS +(Packet Radio)

would find docs with APRS and at least one of packet or radio.

This is my favorite search engine. All the instructions are on line. BTW, this is the simple syntax...there is a more powerful advanced search!

73 de Steve

From sdimse@bridge.net Thu Jul 25 19:43:11 1996

Received: from relay4.UU.NET (relay4.UU.NET [192.48.96.14]) by tapr.org

(8.7.5/8.7.3/1.9) with ESMTP id TAA13146 for <aprssig@tapr.org>; Thu, 25 Jul 1996

19:43:08 -0500 (CDT)

Received: from bridge.net by relay4.UU.NET with ESMTP
(peer crosschecked as: newworld.bridge.net [204.253.4.4])
id QQazyo26821; Thu, 25 Jul 1996 20:43:05 -0400 (EDT)
Received: from (ppp-mia2-75.bridge.net [204.253.4.75]) by bridge.net (8.7.5/8.7.3)
with SMTP id UAA24785 for <aprssig@tapr.org>; Thu, 25 Jul 1996 20:40:01 -0400
(EDT)
Message-Id: <199607260040.UAA24785@bridge.net>
Subject: javAPRS rides again
Date: Thu, 25 Jul 96 20:42:53 -0400
x-sender: sdimse@mail.bridge.net
x-mailer: Claris Emailer 1.1
From: Steve Dimse <sdimse@bridge.net>
To: <aprssig@tapr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

OK, we're ready to try again.

Dale feels that the problem was due to the load of WWW server and javAPRS. Therefore, only local applets will be able to access the server. This means you will not be able to use Netscape to access the data.

You must get the Applet Viewer from Sun...as far as I know it only comes as part of the Java Development Kit. Here is the URL:

<http://java.sun.com/java.sun.com/download.html>

Once this is installed, you will need to turn off the security features. This is accessed in the properties dialog, under the File menu on the Mac. You others are on your own. Then, you will need the javAPRS package, at this URL:

<ftp://ftp.tapr.org/tapr/SIG/aprssiG/files/upload/javAPRS.zip>

Unzip this, and run any of the three HTML files in the Applet Runner. Each of these will display a different map:

atlanta.html is the DeLorme detail of Atlanta
seast.html is the wide view of the Southeast US
ga-atl.html is a medium view (I'm told it's a "32 mile map") of the greater Atlanta area. This is the best place to start.

Please only run one file at a time, in order to keep the load on the server reasonable.

Enjoy.

Steve K04HD

From amirault@laraby.tiac.net Thu Jul 25 21:12:32 1996
Received: from laraby.tiac.net (root@laraby.tiac.net [199.0.65.80]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id VAA16859 for <aprssig@tapr.org>; Thu, 25 Jul 1996

21:12:28 -0500 (CDT)
Received: (from amirault@localhost) by laraby.tiac.net (8.6.9/8.6.6.Beta9) id WAA03396; Thu, 25 Jul 1996 22:11:42 -0400
Date: Thu, 25 Jul 1996 22:11:41 -0400 (EDT)
From: Richard Amirault <amirault@laraby.tiac.net>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3331] Rain Gauge
In-Reply-To: <m0ujVNO-003FaAC@ic.net>
Message-ID: <Pine.BSF.3.91.960725215621.3212A-100000@laraby.tiac.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 25 Jul 1996, Steve Sable wrote:

> I am confused with the readings or how to read my rain gauge with the
> Ultimeter 500. The gauge's that were avail were the "self emptying"
> 1/100 or the 1/10. I got the 1/100.
> The 500 display read's right now 0.00in. If the amount of rain showed
> 0.04in on the 500, how would you read this? Would it be 4 one hundredth's
> of an inch or 4 tenths of an inch?
> Do I need to change the display the on 500 to read 0.0in instead of
> 0.00in?

4 One Hundredths of an inch is correct, and you don't need to change the display.

I'm glad you posted, I was meaning to post something myself (actually tried earlier this evening, but my provider dumped me)

I recently added the .1 rain gauge to my Ultimeter II. I do not believe that APRS is displaying rain info properly. Bob, can you clear things up for me.

Rxxx is for rain in the last hour (as per the docs) The values for xxx are, inches, tenths, and hundredths

Pxxx is for rain for the last 24 hours (same values)

Does APRS keep a time value for EACH click?
Does APRS delete one click from the R field when that time value exceeds 60 min? Or Does APRS keep track of all clicks for 1 hour and then re-set to zero for the next hour?

According to how I reed the docs, the P field is the amount of rain for the last 24 hours. Yet when we had a rain storm a few evenings ago, by the next morning the P field was down to zero (a lot less than 24 hours)

=====

Following comments are for the AutoWX program (Bob, is not the author but he has posted here before)

We have one local user of AutoWX (WB1F, Melrose, Mass) and HIS rain reports are NOT to APRS standards! Instead of inches, tenths, and hundredths HIS reports are tens, inches, tenths.

I know, because our two WX stations are only about 12 miles apart and I've looked at both during the last storm. (it was a general rain and there would NOT be a tenfold difference in actual rainfall)

Anyone else notice this?

Richard Amirault N1JDU Boston, Massachusetts USA
amirault@tiac.net "Go Fly A Kite"

From rroderick@intp.com Fri Jul 26 00:19:54 1996
Received: from nwnexus.wa.com (nwnexus.wa.com [192.135.191.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id AAA27211 for <aprssig@tapr.org>; Fri, 26 Jul 1996 00:19:52 -0500 (CDT)
Received: by nwnexus.wa.com id AA01986 (5.65c/IDA-1.4.4 for aprssig@tapr.org); Thu, 25 Jul 1996 22:19:49 -0700
Received: from cc:Mail by intp.intp.com id AA838357932 Thu, 25 Jul 96 22:12:12
Date: Thu, 25 Jul 96 22:12:12
From: "Roderick, Ren" <rroderick@intp.com>
Encoding: 1952 Text
Message-Id: <9606258383.AA838357932@intp.intp.com>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3351] javAPRS rides again

Date: 7/25/96 9:38 PM

Steve,

Way to GO!

I downloaded the JDK and installed it, then downloaded your stuff from TAPR.

However, when I unzipped your files, two things happened:

- 1 Using pkzip204g, I see that I needed the -d flag to maintain directory structure. Had problems with 8x3 filename vs what your code was looking for....
- 2 So, I download the UnZip program referenced in the JDK download instructions and tried again. Still had the problem with 8x3 file names in the javaprs subdirectory.

Both 'extracts' were onto NT machines running NTFS for long file name support...

So, using the error messages from appletviewer as a guide, I eventually renamed all of the .cla files to .class, changes all of the files containing *pars or *par or *parse to *parser, and finally changed paramete.cla to parameters.class. Whew!

Maybe you can find a version of some zip tool that maintains long file names and re-upload the files?

Aside from these minor problems, WOW!

Don't the people in Georgia ever sleep? It's 9:30 PDST as I write this and I'm still getting updates.

Ren--WA7QFR
rroderick@intp.com
renr@eskimo.com
renr@stimp.wa7qfr.ampr.org

----- Reply Separator -----
Subject: [APRSSIG:3351] javAPRS rides again
Author: aprssig@tapr.org
Originator: aprssig@tapr.org at Internet-Mail
Date: 7/25/96 6:41 PM

OK, we're ready to try again.

The important directions deleted ; -)

Please only run one file at a time, in order to keep the load on the server reasonable.

Enjoy.

Steve K04HD

From kc5ejk@onramp.net Fri Jul 26 01:00:46 1996
Received: from mailhost.onramp.net (mailhost.onramp.net [199.1.11.3]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id BAA29482 for <aprssig@tapr.org>; Fri, 26 Jul 1996 01:00:45 -0500 (CDT)
Received: from dal49.onramp.net (dal49.onramp.net [199.1.11.149]) by mailhost.onramp.net (8.7.3/8.6.5) with SMTP id BAA08202 for <aprssig@tapr.org>; Fri, 26 Jul 1996 01:00:41 -0500 (CDT)
Message-Id: <199607260600.BAA08202@mailhost.onramp.net>
Date: Fri, 26 Jul 96 06:01:32 0500
From: Bob Winingham <kc5ejk@onramp.net>
X-Mailer: Mozilla 1.1N (Macintosh; I; 68K)
MIME-Version: 1.0

To: aprssig@tapr.org
Subject: GPS Antenna Calibration Paper
References: <4t8o4j\$6su@news-s01.ny.us.ibm.net>
X-URL: news:4t8o4j\$6su@news-s01.ny.us.ibm.net
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii

There is a paper by Dr. G.L. Mader of the Geosciences Research Division , NGS, NOAA discussing the calibration of GPS antennas.

The research was used to develop mapping functions to allow the mixture of different antenna types. Large errors in the vertical result when mixing antenna types without such a capability.

The URL is www.grdl.noaa.gov/GRD/GPS/Projects/ANTCAL/antcal_toc.html.

<=====
<== Donald M. Mulcare email:dmulcar@ibm.net ==>
<== NGS Advisor to Maryland 410.333.1240 (voice) ==>
<=====

From sdimse@bridge.net Fri Jul 26 01:38:50 1996
Received: from relay5.UU.NET (relay5.UU.NET [192.48.96.15]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id BAA01278 for <aprssig@tapr.org>; Fri, 26 Jul 1996 01:38:49 -0500 (CDT)
Received: from bridge.net by relay5.UU.NET with ESMTP (peer crosschecked as: newworld.bridge.net [204.253.4.4]) id QQazzm01954; Fri, 26 Jul 1996 02:38:47 -0400 (EDT)
Received: from (ppp-mia2-86.bridge.net [204.253.4.86]) by bridge.net (8.7.5/8.7.3) with SMTP id CAA03238 for <aprssig@tapr.org>; Fri, 26 Jul 1996 02:35:46 -0400 (EDT)
Message-Id: <199607260635.CAA03238@bridge.net>
Subject: javAPRS zip problem
Date: Fri, 26 Jul 96 02:38:41 -0400
x-sender: sdimse@mail.bridge.net
x-mailer: Claris EMailer 1.1
From: Steve Dimse <sdimse@bridge.net>
To: <aprssig@tapr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

I'm told there may be a problem with the zip file I uploaded to the tapr ftp site. Apparently the program "WinZip" truncates the file names to an 8.3 filename. Last time I had to deal with an 8.3 file system was 1984, when I left CP/M for the Mac (how do people live like that???) Anyway, I need some help.

1. What do the class files look like on the Windows version of Java (mac uses .class)?

2. Is there some other Windows zip file that would preserve the full file names? (I've heard a rumor that now Windows has long file names...)

3. If you change the classes to .class manually, does it work then?

For now, I'd like to hear all success and failure stories (emailed to me direct to save bandwidth, please). I'll share with the sig what works and doesn't.

Thanks de Steve K04HD

From sdimse@bridge.net Fri Jul 26 02:04:44 1996

Received: from relay1.UU.NET (relay1.UU.NET [192.48.96.5]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id CAA02389 for <aprssig@tapr.org>; Fri, 26 Jul 1996 02:04:43 -0500 (CDT)

Received: from bridge.net by relay1.UU.NET with ESMTP (peer crosschecked as: newworld.bridge.net [204.253.4.4]) id QQazzo01430; Fri, 26 Jul 1996 03:04:41 -0400 (EDT)

Received: from (ppp-mia2-86.bridge.net [204.253.4.86]) by bridge.net (8.7.5/8.7.3) with SMTP id DAA04433 for <aprssig@tapr.org>; Fri, 26 Jul 1996 03:01:47 -0400 (EDT)

Message-Id: <199607260701.DAA04433@bridge.net>

Subject: Re: [APRSSIG:3353] Re: javAPRS rides again

Date: Fri, 26 Jul 96 03:04:43 -0400

x-sender: sdimse@mail.bridge.net

x-mailer: Claris Emailer 1.1

From: Steve Dimse <sdimse@bridge.net>

To: <aprssig@tapr.org>

Mime-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"

> Maybe you can find a version of some zip tool that maintains long file
> names and re-upload the files?

>

> Aside from these minor problems, WOW!

>

OK, I found the problem. It turns out there is a hidden option in the zip program I was using that truncated to 8.3 filenames. It is fixed now, a new version is up on the TAPR server. Sorry for the problem, thanks to Ren Roderick for pointing me in the right direction.

Have fun...

Steve K04HD

From jscalet@dound.net Fri Jul 26 07:51:19 1996

Received: from echo.sound.net (root@echo.sound.net [205.242.192.21]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id HAA13080 for <aprssig@tapr.org>; Fri, 26 Jul 1996 07:51:18 -0500 (CDT)

Received: from max3-218.sound.net (max3-218.sound.net [205.242.201.218]) by echo.sound.net (8.7.4/8.7.4) with SMTP id HAA11706 for <aprssig@tapr.org>; Fri, 26

Jul 1996 07:50:17 -0500 (CDT)
Message-ID: <31F8DBD8.3749@dound.net>
Date: Fri, 26 Jul 1996 07:53:12 -0700
From: Joe Scalet <jscalaet@dound.net>
X-Mailer: Mozilla 2.0 (Win16; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3324] notebook ram
References: <31F79DEE.7978@flash.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

David W. McNeil wrote:

>
> OK! I NEED INFO! HELP!
> I am one who purchased a CompuADD Notebook computer only to have the
> company go "Out of business" last year. While trying to interface GPS
> and Aprs whith CD Rom map databases, I find myself in need of "MORE
> RAM".
> I haven't been able to find a listing for the CompuADD in the ram board
> cross-reference manuals.
> I was told at one time, but I can't remember now, who manufactured the
> notebook for CompuADD.(Was it Toshiba??)
> Ah..regardless...I have a 486 CompuADD model 433TXC in dire need of ram.
> Anyone have any info, or can point me in the right direction??
>
> TNX in advance
> de Dave KI5VMdial 800-360-7170 and request fax document #1087001 for tech info
then
call 800-726-9695 for a dealer near you.

From lcb911@apex2000.net Fri Jul 26 08:13:23 1996
Received: from starone.apex2000.net (starone.apex2000.net [207.18.66.3]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id IAA13773 for <aprssig@tapr.org>; Fri, 26
Jul 1996 08:13:22 -0500 (CDT)
Received: from [207.18.66.139] by starone.apex2000.net (NTMail 3.01.03) id
na028015; Fri, 26 Jul 1996 08:15:10 -0500
Message-Id: <1.5.4.16.19960726081221.1f4fb3d4@apex2000.net>
X-Sender: lcb911@apex2000.net (Unverified)
X-Mailer: Windows Eudora Light Version 1.5.4 (16)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: Les Blalock <lcb911@apex2000.net>
Subject: Re: [APRSSIG:3352] Re: Rain Gauge
Date: Fri, 26 Jul 1996 08:15:10 -0500

>Following comments are for the AutoWX program (Bob, is not the
author but
>he has posted here before)
>
>We have one local user of AutoWX (WB1F, Melrose, Mass) and HIS rain

>reports are NOT to APRS standards! Instead of inches, tenths, and
>hundredths HIS reports are tens, inches, tenths.
>
>I know, because our two WX stations are only about 12 miles apart and
>I've looked at both during the last storm. (it was a general rain and
>there would NOT be a tenfold difference in actual rainfall)
>
>Anyone else notice this?
>
>Richard Amirault N1JDU Boston,
Massachusetts USA
>amirault@tiac.net "Go Fly A Kite"
>

AutoWx does report in tenths only (up to 999 tenths) and has been
fixed as of version 3.6 I never noticed the change (?) in the
report format because here in West Texas, rain is mostly a
theoretical phenomenon.

Les/N5K0A

From bruninga@nadm.navy.mil Fri Jul 26 08:54:12 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id IAA15284 for <aprssig@tapr.org>; Fri, 26
Jul 1996 08:54:10 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil
(8.6.12/8.6.12) with SMTP id JAA29336 for <aprssig@tapr.org>; Fri, 26 Jul 1996
09:59:05 -0400
X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs
Date: Fri, 26 Jul 1996 09:59:05 -0400 (EDT)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
Reply-To: Bob Bruninga <bruninga@nadm.navy.mil>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3352] Re: Rain Gauge
In-Reply-To: <Pine.BSF.3.91.960725215621.3212A-100000@laraby.tiac.net>
Message-ID: <Pine.GS0.3.94.960726090437.22398B-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 25 Jul 1996, Richard Amirault wrote:

> Is APRS displaying rain info properly?
> Rxxx is for rain in the last hour in inches, tenths, and hundredths
> Pxxx is for rain for the last 24 hours (same values)
>
> Does APRS delete one click from the R field when that time value exceeds
> 60 min? Or Does APRS keep track of all clicks for 1 hour and then re-set
> to zero for the next hour?

APRSDOS REPLY COMMENT: The WX station outputs the current rain count.
APRS has a buffer of 6 values for the per-hour count and every 10 minutes
saves the new value on the end and throws away the oldest value. The rain

per hour is the difference between the latest value and the oldest value (one hour ago). Same thing for the P value, except that it keeps 24 hourly values...

de wb4apr@amsat.org

From crawford@vt8200.vetmed.lsu.edu Fri Jul 26 09:04:58 1996
Received: from vt8200.vetmed.lsu.edu (vt8200.vetmed.lsu.edu [130.39.129.64]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id JAA15655 for <aprssig@tapr.org>; Fri, 26 Jul 1996 09:04:57 -0500 (CDT)
Date: Fri, 26 Jul 1996 09:02:52 -0500
Message-Id: <96072609025234@vt8200.vetmed.lsu.edu>
From: crawford@vt8200.vetmed.lsu.edu (Dr. Pat M Crawford - Louisiana State University (SVM))
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3327] MAR-6.
X-VMS-To: SMTP%"aprssig@tapr.org"

Bernard:

Please let me know if I am one of those pending orders.

Thanks,

M.Pat - K5AHE

ps - Going to look at your web page for antenna now.

From sproul@ap.org Fri Jul 26 10:19:08 1996
Received: from janus.ap.org (eos.ap.org [165.1.6.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id KAA18390 for <aprssig@tapr.org>; Fri, 26 Jul 1996 10:19:07 -0500 (CDT)
Received: from [165.1.27.20] by janus.ap.org (SMI-8.6/SMI-SVR4) id LAA23049; Fri, 26 Jul 1996 11:15:02 -0400
X-Sender: sproul@165.1.6.1
Message-Id: <v03007607ae1e8e528ed4@[165.1.27.20]>
In-Reply-To: <2.2.32.19960725180905.00689d10@seism1.ess.sunysb.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Fri, 26 Jul 1996 11:08:06 -0400
To: aprssig@tapr.org
From: Mark Sproul <sproul@ap.org>
Subject: Kidnapped (again?)

To the APRS sig

The last time I went away and did not respond for a week, rumors started to circulate that I (we) had been kidnapped.

I am going to be out of town for the next 2 weeks and when I get back I am sure its going to take me at least a week to get caught up on email.

Keith will still be around and will be able to answer most questions,

Date: Fri, 26 Jul 1996 15:22:29 -0700
From: Gary Arnold <garnold@naples.net>
Reply-To: garnold@naples.net
Organization: Collier County Emergency Management
X-Mailer: Mozilla 3.0b5aGold (Win16; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3293] Re: javAPRS with Live data
References: <9607242106.AA07128@ELWOOD.pionet.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Dave Kaplan wrote:

>
> At 03:34 PM 7/24/96 -0500, you wrote:
> >>Just keeps coming up with "DOCUMENT CONTAINS NO DATA"
> >
> >The server has been rebooted and I am reloading javAPRS...hopefully this
> >will work!
> >
> >Steve K04HD
> >
> >
> >
> All I get is
>
> Sorry, your browser doesn't do Java!
>
> BUT IT DOES! I am running Netscape 2.02 16 bit. What am I doing wrong?

16 bit Netscape does JavaScript, not Java. Only the 32 bit runs true Java.

73,
Gary
--

Gary Arnold CEM
Coordinator, Collier County (FL) Emergency Management
garnold@naples.net
76656.2753@compuserve.com
[Packet radio] wb2wpa@wb2wpa.#nap.fl.usa.noam

EM pages: "<http://www.naples.net/govern/county/emrgmt/zccem1.htm>"
Personal page: "<http://www.naples.net/govern/county/emrgmt/garnold.htm>"

"I went to a restaurant that serves "breakfast at any time. I ordered French Toast during the Renaissance."

-- Steven Wright, perpipheral visionary

From garnold@naples.net Fri Jul 26 10:42:32 1996

Received: from gator.naples.net (root@gator.naples.net [205.160.191.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA19140 for <aprssig@tapr.org>; Fri, 26 Jul 1996 10:42:31 -0500 (CDT)

Received: from port36.annex1.naples.net (port36.annex1.naples.net [205.160.191.132]) by gator.naples.net (8.7.3/8.6.12) with SMTP id LAA24621 for <aprssig@tapr.org>; Fri, 26 Jul 1996 11:46:25 -0400 (EDT)

Message-ID: <31F949EE.6A26@naples.net>

Date: Fri, 26 Jul 1996 15:42:54 -0700

From: Gary Arnold <garnold@naples.net>

Reply-To: garnold@naples.net

Organization: Collier County Emergency Management

X-Mailer: Mozilla 3.0b5aGold (Win16; I)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: Re: [APRSSIG:3317] RE:

References: <Pine.PCW.3.91.960724234937.7919A-1000000@gorgax22.pixi.com>

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Dave Creek wrote:

>

> On Wed, 24 Jul 1996 ku0g@sprynet.com wrote:

>

> > Same here on the "Documents contains no data"

> >

> >

> > I suspect that you have to be running Netscape 2.0. I am not as I can't get
> > dial-up networking to function with my ISP!

> >

> > Best 73,

> > Jim Duncan, KU0G

> > APRS--Kansas City Coordinator

> > EMail: ku0g@sprynet.com

> >

> >

> You must be running Netscape 2.02 or higher for WIN 95 or WIN NT under
> WIN 95 or WIN NT! A note in Netscape states Java is disabled when using
> 16 Bit operating systems.

Correct...the 16 bit version of Netscape (2.0 or later) works with
JavaScript (created by Netscape), but NOT with Sun's Java. Also: check
OPTIONS - NETWORK - LANGUAGE and be sure JavaScript is checked (both
Java AND JavaScript in the 32 bit versions) or it won't work.

The beauty of JavaScript is that it allows client side processing
instead of running the Java processor on the server. It's also not
capable of everything Java does...yet.

73,

Gary WB2WPA

--

Gary Arnold CEM

Jon,

73 De Joe N200C

Agrelo Engineering
Joe Agrelo/President
1145 Catalyn St. Schenectady, NY 12303 USA
(518)381-1057
(518)381-1058

E-Mail: Jagrelo@concentric.net

WEB: <http://home.navisoft.com/agrelo/ae.htm>

Designer & Manufacturer of intelligent microprocessor
based Doppler and talking products

Experts in Microchip & Motorola processors

XX

From wa8inz@cris.com Fri Jul 26 12:13:51 1996

Received: from franklin.cris.com (franklin.cris.com [199.3.12.31]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id MAA22972 for <aprssig@tapr.org>; Fri, 26 Jul 1996 12:13:49 -0500 (CDT)

Received: from darius.cris.com (darius [199.3.12.32])
by franklin.cris.com (8.7.5/(96/06/11 2.45))
id NAA01919; Fri, 26 Jul 1996 13:13:46 -0400 (EDT)
[1-800-745-2747 The Concentric Network]

Errors-To: wa8inz@cris.com

Received: from LOCALNAME (cnc803101.concentric.net [206.173.114.101])
by darius.cris.com (8.7.5)
id NAA21414; Fri, 26 Jul 1996 13:13:44 -0400 (EDT)

Message-ID: <31F918E4.4F9F@concentric.net>

Date: Fri, 26 Jul 1996 12:13:40 -0700

From: William Nolle <wa8inz@cris.com>

Organization: None

X-Mailer: Mozilla 2.01 (Win16; U)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: Re: [APRSSIG:3359] Re: Rain Gauge

References: <Pine.GS0.3.94.960726090437.22398B-100000@arctic>

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Bob in version 76f like the last few versions when i place an object on the map with a direction and speed it doesn't move at all. I think i asked you this question once before. Did the command change??.

— —

VIII

$$(0 \ 0)$$

--o00-()-00o--
Bill WA8INZ
wa8inz@cris.com
wa8inz@amsat.org

From wa8inz@cris.com Fri Jul 26 12:17:06 1996
Received: from franklin.cris.com (franklin.cris.com [199.3.12.31]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id MAA23154 for <aprssig@tapr.org>; Fri, 26 Jul 1996 12:17:04 -0500 (CDT)
Received: from darius.cris.com (darius [199.3.12.32])
by franklin.cris.com (8.7.5/(96/06/11 2.45))
id NAA03855; Fri, 26 Jul 1996 13:16:49 -0400 (EDT)
[1-800-745-2747 The Concentric Network]
Errors-To: wa8inz@cris.com
Received: from LOCALNAME (cnc803101.concentric.net [206.173.114.101])
by darius.cris.com (8.7.5)
id NAA22534; Fri, 26 Jul 1996 13:16:46 -0400 (EDT)
Message-ID: <31F9199C.62B3@concentric.net>
Date: Fri, 26 Jul 1996 12:16:44 -0700
From: William Nolle <wa8inz@cris.com>
Organization: None
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Bugs??
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

O Bob while i'm at it. When loading a backup file saved from a previous session all calls disappear, all but my own call. I also brought this to your attention in a previous version i think.

--

\\\\\\\\
(o o)
--o00-()-00o--
Bill WA8INZ
wa8inz@cris.com
wa8inz@amsat.org

From rick@ipac.caltech.edu Fri Jul 26 12:54:00 1996
Received: from castor.ipac.caltech.edu (ipac.caltech.edu [131.215.11.35]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id MAA24862 for <aprssig@tapr.org>; Fri, 26 Jul 1996 12:53:58 -0500 (CDT)
Received: from hutton (hutton.ipac.caltech.edu [134.4.20.75])
by castor.ipac.caltech.edu (8.7.4/8.6.4)
with ESMTP id KAA08815
for <aprssig@tapr.org>; Fri, 26 Jul 1996 10:53:52 -0700 (PDT)
Received: (rick@localhost) by hutton (8.6.8.1/8.6.4) id KAA05564; Fri, 26 Jul 1996 10:53:51 -0700
Date: Fri, 26 Jul 1996 10:53:50 -0700 (PDT)
From: Rick Ebert <rick@ipac.caltech.edu>
X-Sender: rick@hutton
To: aprssig@tapr.org

Subject: APRS s/w for Unix/X
Message-ID: <Pine.SOL.3.91.960726104726.5447D-100000@hutton>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hello,

I have heard that there is, or may be in development, a UNIX/X-Windows APRS program. I would appreciate any information on this, especially w.r.t. versions for Linux.

Thanks,

rick... KE6ONX

Rick Ebert

Infrared Processing and Analysis Center (IPAC)
Jet Propulsion Laboratory (JPL)
California Institute of Technology (CalTech)

From kc6hur@garc.gsfc.nasa.gov Fri Jul 26 13:05:06 1996
Received: from garc.gsfc.nasa.gov (kc6hur@garc.gsfc.nasa.gov [128.183.105.32]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id NAA25626 for <aprssig@tapr.org>; Fri, 26 Jul 1996 13:05:05 -0500 (CDT)
Received: from localhost (kc6hur@localhost) by garc.gsfc.nasa.gov (8.6.11/8.6.9) with SMTP id OAA07104 for <aprssig@tapr.org>; Fri, 26 Jul 1996 14:05:00 -0400
Date: Fri, 26 Jul 1996 14:04:58 -0400 (EDT)
From: Randy Hammock <kc6hur@garc.gsfc.nasa.gov>
To: aprssig@tapr.org
Subject: Made Trip; Alas, sans APRS
Message-ID: <Pine.LNX.3.93.960726133744.6478C-100000@garc.gsfc.nasa.gov>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I made the trip I had planned across the country and have started working at the new job. I had originally planned to use APRS and had a nice setup for it; however, when I stopped to fill-up at 100 miles into the trip, I discovered that I had just a wire stub where a Larson 2/70 on a mag mount had been. (That makes \$240 worth of antennas and mag mounts lost to paper bags, tree limbs and who knows what. I've lost three sets.) Oh, well. As a result, No APRS operation on this trip. Many thanks to those who responded to my initial posting about making the trip.

--

Randy Hammock KC6HUR | E-Mail: kc6hur@garc.gsfc.nasa.gov
P.O. Box 12028 | Voice: +1-818-248-6924
LA CRESCENTA CA 91224-7028 | Pager: +1-818-423-2062

From ronhaley@dgps.com Fri Jul 26 13:17:02 1996
Received: from server.DGPS.COM (dgps.com [165.113.153.6]) by tapr.org

(8.7.5/8.7.3/1.9) with SMTP id NAA26143 for <aprssig@tapr.org>; Fri, 26 Jul 1996 13:16:57 -0500 (CDT)
Received: from [165.113.153.3] by server.DGPS.COM (NTMail Server 2.11.25 - ntmall@net-shopper.co.uk) id aa002614 Fri, 26 Jul 96 11:10:46 -0100 (PDT)
Message-Id: <2.2.32.19960628101633.00916470@dgps.com>
X-Sender: ronhaley@dgps.com
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Fri, 28 Jun 1996 11:16:33 +0100
To: aprssig@tapr.org
From: "Ronald P. Haley" <ronhaley@dgps.com>
Subject: Re: [APRSSIG:3356] Re: javAPRS rides again
Cc: aprssig@tapr.org

Steve,

Whats the address of the TAPR server??

At 02:10 AM 7/26/96 -0500, Steve Dimse wrote:

>> Maybe you can find a version of some zip tool that maintains long file
>> names and re-upload the files?

>>

>> Aside from these minor problems, WOW!

>>

>OK, I found the problem. It turns out there is a hidden option in the zip
>program I was using that truncated to 8.3 filenames. It is fixed now, a
>new version is up on the TAPR server. Sorry for the problem, thanks to
>Ren Roderick for pointing me in the right direction.

>

>Have fun...

>

>Steve K04HD

>

>

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Differential Corrections Inc E-Mail: ronhaley@dgps.com
10121 Miller Ave Web: http://www.dgps.com
Cupertino, CA 95014

From ksproul@hardees.rutgers.edu Fri Jul 26 13:45:37 1996

Received: from hardees.rutgers.edu (hardees.rutgers.edu [128.6.18.2]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id NAA27733 for <aprssig@tapr.org>; Fri, 26 Jul 1996 13:45:36 -0500 (CDT)

Received: (from ksproul@localhost) by hardees.rutgers.edu (8.6.12+bestmx+oldruq+newsunq+grosshack/8.6.12) id OAA02822; Fri, 26 Jul 1996 14:45:30 -0400

Sender: Keith Sproul <ksproul@hardees.rutgers.edu>

Date: Fri, 26 Jul 96 14:45:30 EDT

From: Keith Sproul <ksproul@hardees.rutgers.edu>

Reply-To: Keith Sproul <ksproul@hardees.rutgers.edu>
To: aprssig@tapr.org, <rick@ipac.caltech.edu>
In-Reply-To: Your message of Fri, 26 Jul 1996 13:00:52 -0500 (CDT)
Subject: : RE APRS for Unix/Linux/X-Windows
Message-ID: <CMM-RU.1.4.838406730.ksproul@hardees.rutgers.edu>

> I have heard that there is, or may be in development, a UNIX/X-Windows
> APRS program. I would appreciate any information on this, especially
> w.r.t. versions for Linux.

We are indeed working on a X-Windows/Unix/Linux version.

We had a demo running at Dayton with X-APRS running on a SUN. At that point
the only thing that was working was the maps. But we ARE working on it. At
this point we are NOT promising any dates...

Keith

Keith Sproul	Ham Radio: WU2Z
Student Housing Network Coordinator	ksproul@noc.rutgers.edu
Rutgers University Computing Services	908 445-3695 Work 908 445-2968 Fax
http://www-ns.rutgers.edu/~ksproul/	908 821-4828 Home

From Paul_Moller@csg.mot.com Fri Jul 26 14:22:08 1996
Received: from motgate2.mot.com (motgate2.mot.com [129.188.136.20]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id OAA00960 for <aprssig@tapr.org>; Fri, 26 Jul 1996
14:22:07 -0500 (CDT)
Received: from pobox.mot.com (pobox.mot.com [129.188.137.100]) by motgate2.mot.com
(8.7.3/8.6.10/MOT-3.8) with ESMTP id TAA06105 for <aprssig@tapr.org>; Fri, 26 Jul
1996 19:18:51 GMT
Received: from OAMPC10.csg.mot.com (OAMPC10.csg.mot.com [144.188.134.33]) by
pobox.mot.com (8.7.3/8.6.10/MOT-3.8) with SMTP id OAA08573 for <aprssig@tapr.org>;
Fri, 26 Jul 1996 14:21:31 -0500 (CDT)
Received: from PaulM_PC.csg.mot.com (PaulM_PC.csg.mot.com [144.188.36.8]) by
OAMPC10.csg.mot.com (8.6.8.1/8.6.6) with SMTP id OAA03972 for <aprssig@tapr.org>;
Fri, 26 Jul 1996 14:32:31 -0500
Message-Id: <2.2.32.19960726192131.008f0de4@144.188.134.33>
X-Sender: mollpj@144.188.134.33
Return-Receipt-To: Paul_Moller@csg.mot.com
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Fri, 26 Jul 1996 14:21:31 -0500
To: aprssig@tapr.org
From: Paul Moller <Paul_Moller@csg.mot.com>
Subject: Re: [APRSSIG:3365] Re: mapping offsets

Does not the phrase "standalone tracker" typically mean no computer
involved? Don't you really mean "mobile APRS station" if you have a computer
connected? Not to be nit-picking mind you.

At 12:14 PM 7/26/96 -0500, you wrote:

>ko6xs@ko6xs.ampr.org wrote:

>>

>> I just got WinAPRS 1,1,2 up and running as a standalone tracker with my

>> Garmin 45.

Paul, WD9ABE

From cdavidso@hemisphere.neocomm.net Fri Jul 26 16:32:14 1996

Received: from hemisphere.neocomm.net (root@hemisphere.neocomm.net [205.160.234.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id QAA06719 for <aprssig@tapr.org>; Fri, 26 Jul 1996 16:32:11 -0500 (CDT)

Received: from Axton (ppp37.neocomm.net [205.160.234.37]) by hemisphere.neocomm.net (8.6.11/8.6.9) with SMTP id RAA32345 for <aprssig@tapr.org>; Fri, 26 Jul 1996 17:32:23 -0400

Message-Id: <199607262132.RAA32345@hemisphere.neocomm.net>

Comments: Authenticated sender is <cdavidso@neocomm.net>

From: "Charles W. Davidson" <cdavidso@hemisphere.neocomm.net>

To: aprssig@tapr.org

Date: Fri, 26 Jul 1996 17:25:23 +0000

Subject: APRS7.6F

Reply-to: cdavidso@hemisphere.neocomm.net

Priority: normal

X-mailer: Pegasus Mail for Windows (v2.01)

I have a small problem here. My floppy drive keeps filling up with *.log and *.hst files. I have no Postions marked for tracking, I do not have Nmea Log on , and Log is not on. What do I do to stop saving these files? Space is very limited on a 720k bootable floppy with APRS76f on it.

Thanks

chase

cdavidso@neocomm.net

<http://www.neocomm.net/~cdavidso/>

WB4PAN@WB4QOJ.VA.USA.NOAM

From cbuttsch@slonet.org Fri Jul 26 16:50:50 1996

Received: from spork.callamer.com (cbuttsch@spork.callamer.com [199.74.141.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id QAA07629 for <aprssig@tapr.org>; Fri, 26 Jul 1996 16:50:48 -0500 (CDT)

Received: from localhost (cbuttsch@localhost) by spork.callamer.com (8.7.5/8.7.3) with SMTP id OAA05437; Fri, 26 Jul 1996 14:46:41 -0700 (PDT)

Date: Fri, 26 Jul 1996 14:46:41 -0700 (PDT)

From: Clifford Buttschardt <cbuttsch@slonet.org>

X-Sender: cbuttsch@spork.callamer.com

To: "Dr. Pat M Crawford - Louisiana State University (SVM)"

<crawford@vt8200.vetmed.lsu.edu>
cc: aprssig@tapr.org
Subject: Re: [APRSSIG:3360] Re: MAR-6.
In-Reply-To: <96072609025234@vt8200.vetmed.lsu.edu>
Message-ID: <Pine.SOL.3.93.960726144430.1344E-100000@spork.callamer.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi all. I have been trying to get into the web page without luck since it was first published. Would you again put the address on the BBS? I have:
<http://rock.seism1.ess.sunysb.edu:8080/hobby.html>
Is this right? thanks Cliff K7RR

On Fri, 26 Jul 1996, Dr. Pat M Crawford - Louisiana State University (SVM) wrote:

> Bernard:
> Please let me know if I am one of those pending orders.
>
> Thanks,
>
> M.Pat - K5AHE
>
> ps - Going to look at your web page for antenna now.
>
>

From faunt@netcom.com Fri Jul 26 19:53:28 1996
Received: from netcom22.netcom.com (faunt@netcom22.netcom.com [192.100.81.136]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id TAA15161 for <aprssig@tapr.org>; Fri, 26 Jul 1996 19:53:26 -0500 (CDT)
Received: (from faunt@localhost) by netcom22.netcom.com (8.6.13/Netcom) id RAA16146; Fri, 26 Jul 1996 17:53:25 -0700
Date: Fri, 26 Jul 1996 17:53:25 -0700
From: faunt@netcom.com (Doug Faunt N6TQS +1-510-655-8604)
Message-Id: <199607270053.RAA16146@netcom22.netcom.com>
To: aprssig@tapr.org
Subject: Neophyte question

How well does APRS run on an HP200? Obviously, lots of maps are a problem.
73, doug

From KE6VRL@aol.com Fri Jul 26 20:36:04 1996
Received: from emout15.mail.aol.com (emout15.mx.aol.com [198.81.11.41]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id UAA16585 for <aprssig@tapr.org>; Fri, 26 Jul 1996 20:36:02 -0500 (CDT)
From: KE6VRL@aol.com
Received: by emout15.mail.aol.com (8.6.12/8.6.12) id VAA15502 for aprssig@tapr.org; Fri, 26 Jul 1996 21:37:14 -0400
Date: Fri, 26 Jul 1996 21:37:14 -0400
Message-ID: <960726213713_165170531@emout15.mail.aol.com>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3362] mapping offsets

>I just got WinAPRS 1,1,2 up and running as a standalone tracker with my
>Garmin 45. It seems to work OK but the placement of my position seems to be
>off.

The problem lies in the Map Datum used to create the map. You need to set
your GPS receiver to whatever map datum was used to make the map. Someone
made a program to update old maps to the new map datum but I forgot who . . .
anyone from San Diego Remember???

73 Hector KE6VRL@aol.com

From ku0g@sprynet.com Sat Jul 27 00:47:04 1996
Received: from m1.sprynet.com (m1.sprynet.com [165.121.2.97]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id AAA29228 for <APRSSIG@TAPR.ORG>; Sat, 27 Jul 1996
00:47:02 -0500 (CDT)
From: ku0g@sprynet.com
Received: from [199.174.142.32] (ad15-032.compuserve.com [199.174.142.32]) by
m1.sprynet.com (8.6.12/8.6.12) with SMTP id WAA10271 for <APRSSIG@TAPR.ORG>; Fri,
26 Jul 1996 22:44:38 -0700
Date: Fri, 26 Jul 1996 22:44:38 -0700
Message-Id: <199607270544.WAA10271@m1.sprynet.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Subject: APRS on the Internet...
To: APRSSIG@tapr.org
X-Mailer: SPRY Mail Version: 04.00.06.21

Steve or somebody, please (Karla cleaned house yesterday) all of the prints of
the messages of accessing the Atlanta APRS Internet site were lost! Could
somebody put up the URL and the Java Information again?

I was finally motivated to work on and get Dial-Up Networking to function
tonight so I could use Netscape 2.01 just to look at this experiment....

Special notes and help will be appreciated! Sorry to waste bandwidth due to
repeats....

Best 73,
Jim Duncan, KU0G
APRS--Kansas City Coordinator
EMail: ku0g@sprynet.com

From ko6xs@ko6xs.ampr.org Sat Jul 27 07:33:37 1996
Received: from ko6xs.ampr.org (ko6xs.ampr.org [44.16.1.241]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id HAA09139 for <aprssig@tapr.org>; Sat, 27 Jul 1996
07:31:51 -0500 (CDT)
From: ko6xs@ko6xs.ampr.org
Date: Sat, 27 Jul 96 05:27:54 PDT
Message-Id: <3490@ko6xs.ampr.org>
To: aprssig@tapr.org


```

      / ) |
    / / | Dennis Dease - n4nr@vulcan.com -or- n4nr@amsat.org | ( \
  _ ( ( _ | _ The WireNET BBS - Birmingham's Amateur Radio BBS | _ ) ) _
(((\ \> | / )      Home of vulcan.com - - - 205-444-WNET      ( \ | < / / )))
(\\ \ \_ / / PACSATS K0-23, K0-25, U022 & A0-13 Mode B and S \ \_ / ////)
 \      /      WWW: http://scott.net/~n4nr      \      /
 \      _/      E-Mail to: n4nr-key@vulcan.com for PGP public key \_      /
 /      / |      robot-info@vulcan.com for list of available info | \      \
 /      / |      -----| \      \

```

From seront@seism1.ess.sunysb.edu Sat Jul 27 09:34:43 1996
 Received: from ccmail.sunysb.edu (ccmail.sunysb.edu [129.49.1.103]) by tapr.org
 (8.7.5/8.7.3/1.9) with ESMTP id JAA13487 for <aprssig@tapr.org>; Sat, 27 Jul 1996
 09:34:41 -0500 (CDT)
 Received: from seism1.ess.sunysb.edu by ccmail.sunysb.edu (PMDF V5.0-6 #8051)
 id <01I7KBW63QQ0A62SGT@ccmail.sunysb.edu> for aprssig@tapr.org; Sat,
 27 Jul 1996 10:34:39 -0400 (EDT)
 Received: from cort0.ess.sunysb.edu by seism1.ess.sunysb.edu (4.1/SMI-4.1)
 id AA06479; Sat, 27 Jul 1996 10:33:57 -0400 (EDT)
 Date: Sat, 27 Jul 1996 10:34:05 -0400
 From: Bernard Seront <seront@seism1.ess.sunysb.edu>
 Subject: Re: Re: MAR-6.
 X-Sender: seront@seism1.ess.sunysb.edu
 To: aprssig@tapr.org
 Message-id: <2.2.32.19960727143405.0074b240@seism1.ess.sunysb.edu>
 MIME-version: 1.0
 X-Mailer: Windows Eudora Pro Version 2.2 (32)
 Content-type: text/plain; charset="us-ascii"
 Content-transfer-encoding: 7BIT

At 04:53 PM 7/26/96 -0500, you wrote:
 >Hi all. I have been trying to get into the web page without luck since it
 >was first published. Would you again put the address on the BBS? I have:
 ><http://rock.seism1.ess.sunysb.edu:8080/hobby.html>
 >Is this right? thanks Cliff K7RR

That's correct. Don't forget the :8080.
 The server used to crash every now and then, but it seems stable now.
 If someone cannot connect, try to report any indication that may help fix a
 possible problem (i.e. unable to connect, server not in DNS, page not found,
 waiting ...).
 The network is known to be quite slow on Long Island, maybe you need to be
 patient: but that shouldn't prevent connection.

I'll post the file to the TAPR ftp server.

Bernard, KB2TGH.

 Bernard Seront, seront@seism1.ess.sunysb.edu (MIME ok)
<http://rock.ess.sunysb.edu:8080/>

From seront@seism1.ess.sunysb.edu Sat Jul 27 10:20:31 1996

Received: from ccmail.sunysb.edu (ccmail.sunysb.edu [129.49.1.103]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA15718 for <aprssig@tapr.org>; Sat, 27 Jul 1996 10:20:29 -0500 (CDT)

Received: from seism1.ess.sunysb.edu by ccmail.sunysb.edu (PMDF V5.0-6 #8051) id <01I7KDHXWQN4A63RKM@ccmail.sunysb.edu> for aprssig@tapr.org; Sat, 27 Jul 1996 11:20:27 -0400 (EDT)

Received: from cort0.ess.sunysb.edu by seism1.ess.sunysb.edu (4.1/SMI-4.1) id AA06566; Sat, 27 Jul 1996 11:19:45 -0400 (EDT)

Date: Sat, 27 Jul 1996 11:19:53 -0400

From: Bernard Seront <seront@seism1.ess.sunysb.edu>

Subject: 000PS here is the correct URL.

X-Sender: seront@seism1.ess.sunysb.edu

To: aprssig@tapr.org

Message-id: <2.2.32.19960727151953.0070decc@seism1.ess.sunysb.edu>

MIME-version: 1.0

X-Mailer: Windows Eudora Pro Version 2.2 (32)

Content-type: text/plain; charset="us-ascii"

Content-transfer-encoding: 7BIT

At 09:54 AM 7/27/96 -0500, you wrote:

>At 04:53 PM 7/26/96 -0500, you wrote:

>>Hi all. I have been trying to get into the web page without luck since it

>>was first published. Would you again put the address on the BBS? I have:

>><http://rock.seism1.ess.sunysb.edu:8080/hobby.html>

>>Is this right? thanks Cliff K7RR

That's NOT correct.

The correct address is:

<http://rock.ess.sunysb.edu:8080/hobby.html>

(Don't forget the :8080 anyway).

FYI: I don't have root privileges on these machines, so I can't fix the address mess. Sorry about that, I know it's a pain.

Bernard, KB2TGH.

Bernard Seront, seront@seism1.ess.sunysb.edu (MIME ok)

<http://rock.ess.sunysb.edu:8080/>

From lcb911@apex2000.net Sat Jul 27 12:38:00 1996

Received: from starone.apex2000.net (starone.apex2000.net [207.18.66.3]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id MAA20446 for <aprssig@tapr.org>; Sat, 27 Jul 1996 12:37:57 -0500 (CDT)

Received: from [207.18.66.158] by starone.apex2000.net (NTMail 3.01.03) id aa028236; Sat, 27 Jul 1996 12:39:38 -0500

Message-ID: <31FA7006.6736@apex2000.net>

Date: Sat, 27 Jul 1996 12:37:42 -0700

From: Les Blalock <lcb911@apex2000.net>

X-Mailer: Mozilla 2.01 (Win16; U)

MIME-Version: 1.0

To: aprssig@tapr.org
Subject: AutoWx Update
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

AutoWeather version 2K2.7L is now in the tapr ftp library (/WEATHER directory)

This version has the wx beacons in the correct APRS format, showing /P and /R in 100ths. This version is for the U-2000 and U-500 only.
(The corrected version for the U-II is AutoWx 6.5)

--

Les/N5K0A
lcb911@apex2000.net

From khufford@erols.com Sat Jul 27 12:55:10 1996
Received: from smtp1.erols.com (root@smtp1.erols.com [205.252.116.101]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id MAA20936 for <aprssig@tapr.org>; Sat, 27 Jul 1996 12:55:08 -0500 (CDT)
Received: from khufford.erols.com (man-as1s54.erols.com [206.161.170.54]) by smtp1.erols.com (8.7.4/8.6.5) with SMTP id NAA20223 for <aprssig@tapr.org>; Sat, 27 Jul 1996 13:55:04 -0400 (EDT)
Message-Id: <199607271755.NAA20223@smtp1.erols.com>
X-Sender: khufford@pop.erols.com
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sat, 27 Jul 1996 17:54:57 -0400
To: aprssig@tapr.org
From: Kent V Hufford <khufford@erols.com>
Subject: Settings for Standalone PICO/45?

I have been trying to get a GARMIN 45, PicoPacket w/2nd serial port to work in a standalone mode. That is without the laptop APRS running. Have not been able to do this yet. I saved lots of emails on this sig about what to do, most contradict each other. Could someone(s) please give me the correct settings for the 45 AND the PicoPacket to work in the standalone mode. MANY thanks in advance.

Kent

KQ4KK

From KD4EMI@aol.com Sat Jul 27 12:57:27 1996
Received: from emout16.mail.aol.com (emout16.mx.aol.com [198.81.11.42]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id MAA20968 for <aprssig@tapr.org>; Sat, 27 Jul 1996 12:57:25 -0500 (CDT)
From: KD4EMI@aol.com
Received: by emout16.mail.aol.com (8.6.12/8.6.12) id NAA09282 for aprssig@tapr.org; Sat, 27 Jul 1996 13:59:20 -0400
Date: Sat, 27 Jul 1996 13:59:20 -0400

Message-ID: <960727135919_586163243@emout16.mail.aol.com>

To: aprssig@tapr.org

Subject: 2 questions

#1

I saw a most unique antenna array today and thought one of you could help. I would describe it as a plexiglass looking jellyfish shaped thing, but not like a parabolic dish but 4 small (<2ft diam) plexigalss thingies. shaped like bells .They were pointing DOWN to the base of the antenna .
Any clue ?

#2

GARMIN GPS 45

Drove about 1 hour and the 45 just locked up. No sats, but all functions normal, did not track. It was cool in the car (at night with air on) but I had the internal GPS light on. Shut it off, rebooted, nothing. Parked the car, ate and came back and in the same spot, turned it on, and 6 sats came on line...Weird...

Mike

KD4EMI@AOL.COM

..

From barrettd@crpl.cedar-rapids.lib.ia.us Sat Jul 27 14:26:35 1996

Received: from CRPL.CEDAR-RAPIDS.LIB.IA.US (crpl.cedar-rapids.lib.ia.us [198.134.138.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id 0AA24618 for <aprssig@tapr.org>; Sat, 27 Jul 1996 14:26:33 -0500 (CDT)

Message-Id: <199607271926.0AA24618@tapr.org>

Received: from ppp-106.cedar-rapids.lib.ia.us by CRPL.CEDAR-RAPIDS.LIB.IA.US with SMTP;

Sat, 27 Jul 1996 14:26:17 -0500 (CDT)

X-Sender: barrettd@crpl.cedar-rapids.lib.ia.us

X-Mailer: Windows Eudora Light Version 1.5.2

Mime-Version: 1.0

Content-Type: multipart/mixed; boundary="====_838514094==_"

Date: Sat, 27 Jul 1996 14:34:54 -0500

To: aprssig@tapr.org

From: David Barrett <barrettd@crpl.cedar-rapids.lib.ia.us>

Subject: Re: [APRSSIG:3383] Settings for Standalone PICO/45?

X-Attachments: C:\PAKET\PICO.TNC;

--====_838514094==_

Content-Type: text/plain; charset="us-ascii"

At 12:59 PM 96-7-27 -0500, you wrote:

>I have been trying to get a GARMIN 45, PicoPacket w/2nd serial port to work
>in a standalone mode. That is without the laptop APRS running. Have not been
>able to do this yet. I saved lots of emails on this sig about what to do,
>most contradict each other. Could someone(s) please give me the correct
>settings for the 45 AND the PicoPacket to work in the standalone mode. MANY
>thanks in advance.

>

>Kent

>

>KQ4KK

>

Here is my pico config for standalone weather with a U-2000 just change the gpstext value to that of your NMEA string Like \$GPRMC and also the unproto and lpath values.

Most of all make sure to run the baud command for the second port and set it to 4800 as well as making sure the garmin I/O is set to NMEA and not garmin protocol.

>

--=====838514094==_

Content-Type: text/plain; charset="us-ascii"

Content-Disposition: attachment; filename="PICO.TNC"

Autolf ON

Beacon EVERY 30

BText !4156.79N/09142.69W_/

CR ON

CRAfter ON

CText !!004C0004----00002760032C-----00CC058F

ELoc OFF

GPS OFF

GPSText !!

LG1text \$

LG2text \$

LG3text \$

GPSItxt

HEaderli OFF

LFadd ON

LFIgnore OFF

LOCation EVERY 30

LPath APRS VIA RELAY,WIDE,WIDE,GATE,WIDE

LTEXT !!004C0004----00002760032C-----00CC058F

L1text NM0B Email: barrettd@crpl.cedar-rapids.lib.ia.us

L2text

L3text

MA11 OFF

MCom OFF

MCon OFF

Monitor ON

MRpt ON

MYAlias WIDE

MY1alias RELAY

MY2alias WX

MY3alias CIDAPRS

MYRose

MYcall NM0B-5

MYPcall CRIA

NUcr OFF

NULf OFF

```
--=====838514094==_
Content-Type: text/plain; charset="us-ascii"
```

If I can't give you a good sound reason
I'll give you a reason that sounds good

```
>#2
>GARMIN GPS 45
>
>Drove about 1 hour and the 45 just locked up. No sats, but all functions
>normal, did not track. It was cool in the car (at night with air on) but I
>had the internal GPS light on. Shut it off, rebooted, nothing. Parked the
>car, ate and came back and in the same spot, turned it on, and 6 sats came on
>line...Weird...
>Mike
>KD4EMI@AOL.COM
```

I've had this occur when my transmitter densed the Garmin input. If you have any kind of transmitter in the car watch on the sat display of the garmin and if it's overload the sat's will just dissapear at the time of transmission.

David E. Barrett
barrettd@crpl.cedar-rapids.lib.ia.us

If I can't give you a good sound reason
I'll give you a reason that sounds good

```
  _  
 _(_)_  
(_-----_)  
  \  \  \  
   \  \
```

From KD4EMI@aol.com Sat Jul 27 14:39:28 1996
Received: from emout17.mail.aol.com (emout17.mx.aol.com [198.81.11.43]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id 0AA25201 for <aprssig@tapr.org>; Sat, 27 Jul 1996 14:39:26 -0500 (CDT)
From: KD4EMI@aol.com
Received: by emout17.mail.aol.com (8.6.12/8.6.12) id PAA15133 for aprssig@tapr.org; Sat, 27 Jul 1996 15:40:33 -0400
Date: Sat, 27 Jul 1996 15:40:33 -0400
Message-ID: <960727154032_586209599@emout17.mail.aol.com>
To: aprssig@tapr.org
Subject: Another Stamp application

I was thinking...Wouldnt it be neat to leave my tracker in the car without having to go thru an ordeal to turn it off etc..

SO...

I put my stamp to work.

Now, when I leave the car, I hit DTMF tone 1 on my HT, which resets the TNC to beacon every 15 minutes.

When I get into the car, I hit 3 and it resets the tnc to xmit every 5 min and resets the unproto for wide,wide and unproto 2 for relay,wide.

Kinda neat...

Ive had multiple inquiries about the lightning stuff. 2 problems

#1 The lightning monitor I got from AOL wx store stinks. You need a VLF ground to make the thing work. Tough...I live in an apt...hard to start running coax down the wall. (I already get away with HF LOOP and small tower plus Ive had beams up there from time to time) Ive had bolts hit within 2 miles...nothing...My old crummy one works better. When I get some cash, will look into the hand held device.

#2 SOFTWARE

I gotta learn how to write software..I understand that APRS is in quickbasic (?)... I wont get anywhere without some software. Basic stamp and lightning stuff starts getting expensive. Need to get some software to get this thing working correctly. (maybe a tsr over aprs?)

So there it is..the software for the stamp is easy..If youve got one you know how to read the dtmf tone and xmit the computer stuff to change the tnc params..

Mike
KD4EMI@AOL.COM

From sdimse@bridge.net Sat Jul 27 17:16:23 1996
Received: from relay4.UU.NET (relay4.UU.NET [192.48.96.14]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id RAA01269 for <aprssig@tapr.org>; Sat, 27 Jul 1996 17:16:20 -0500 (CDT)
Received: from bridge.net by relay4.UU.NET with ESMTP (peer crosschecked as: newworld.bridge.net [204.253.4.4]) id QQbafp07373; Sat, 27 Jul 1996 18:16:18 -0400 (EDT)
Received: from (ppp-mia2-73.bridge.net [204.253.4.73]) by bridge.net (8.7.5/8.7.3) with SMTP id SAA15384 for <aprssig@tapr.org>; Sat, 27 Jul 1996 18:13:26 -0400 (EDT)
Message-Id: <199607272213.SAA15384@bridge.net>
Subject: New javAPRS features
Date: Sat, 27 Jul 96 18:16:16 -0400
x-sender: sdimse@mail.bridge.net
x-mailer: Claris Emailer 1.1
From: Steve Dimse <sdimse@bridge.net>
To: <aprssig@tapr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

A new version of javAPRS is up on the tapr server.

The new features are the ability to use pgup (or U), pgdn (or D), and arrow keys to zoom in and scroll the map. Also the L key will dump a station list to the java console window.

Before these are active in Netscape you will need to click on the map, so that the applet is made active and receives the keypress events.

Rumor has it that Dale may be able to bring the html server back up soon, which will again allow viewing without the stand alone applet runner.

Not to steal anyone else's thunder, but look for another source of (almost) live data on the internet soon...

Steve K04HD

From kf4dys@juno.com Sat Jul 27 17:54:47 1996
Received: from x4.boston.juno.com (x4.boston.juno.com [205.231.101.22]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id RAA02647 for <aprssig@tapr.org>; Sat, 27 Jul 1996 17:54:40 -0500 (CDT)

Received: (from kf4dys@juno.com) by x4.boston.juno.com (queueemail)
id SAA16873; Sat, 27 Jul 1996 18:54:29 EDT

To: aprssig@tapr.org, 71572.3727@compuserve.com, ad4bl@juno.com,
jcutchins@digitalexp.com, kd4siv@juno.com, kd4tok@juno.com,
ks4ny@aol.com, n0ubw@juno.com, wa4nda@juno.com

Date: Sat, 27 Jul 1996 17:50:53 PST

Subject: Bertha: lessons learned (long)

Message-ID: <19960727.175120.11943.0.kf4dys@juno.com>

X-Mailer: Juno 1.00

X-Juno-Line-Breaks: 0-1,3-6,8-10,12-34,36-37,39,41-42,44,46,48-51,53,55,
57-58,60-61,63-66,68-77,79,81-82,84-89,91,93-97,99,101-102,104,
106,108-110,112,114-118,120-121,123-129,131,133,135-143,145-149,
151,153,155,157,159,161,163,165-166,168-171,173,175-181,183-187,
189-190,192,194-195,197,199-200,202-203,205-210,212,214-220,222,
224,226,228,230-231,233,235,237-240,242,244-245,247-248,250,252-259

From: kf4dys@juno.com (Joe Foor)

Greetings all;

I am the ARES Tropical Cyclone tracker for the EPAN APRS vhf net, in
the
Florida Panhandle.

This is a new net, with only a few stations at this time, so as an
exercise, I tracked Bertha, from the first, to the final NWS advisory. In
the process, I encountered several problems

To ensure that data can move back and forth between the EPAN net and
the
WPAN net, I have been discussing problems and coordinating the solutions
with Hank Holt ks4ny, the AEC for Santa Rosa County.

Problems encountered in the EPAN net:

- 1) Proper use of Tropical Cyclone symbols
- 2) Selecting a path
- 3) APRS software malfunctions
- 4) Acquisition of NWS data
- 5) Distribution of NWS Advisories
- 6) Interference by other stations
 - a) accidental capture of locally posted object
 - b) map cluttered with unnecessary data
 - c) different data posted by other stations

1) Proper use of Tropical Cyclone symbols;

Being new to APRS, I initially was using the standard Advisory Flag
symbols, one flag for a Tropical Depression and two flags for a Tropical
Storm.

Hank guided me to understanding the modified Hurricane symbol, as used

for all levels of Tropical Cyclones.

Accordingly, any time I am tracking a Tropical Cyclone, you can expect to see the Hurricane symbol. The symbol will be Blue for a Tropical Depression, Yellow for a Tropical Storm and Red for a Hurricane. Additionally, the symbol will include Range Rings, indicating the areas where high winds can be found. Hurricane force winds (above 64kts) will be inside the Red ring and Tropical Storm force winds (above 34kts) will be inside the Yellow ring.

2) Selecting a path;

Since EPAN has a single digi, located in the approximate center of the district, this would not normally be a problem. However, at the request of ks4ny, I was also posting the tracking data throughout WPAN, during the day, when their designated Tracking Operators were at work.

For reasons stated later in this report, I did not use any WIDE's in my path.

The path KD4TOK-7,W4NN-1,KS4NY-7,W2GFF-7 turned out to be reliable enough for use during the early afternoon, when propagation is at it's poorest.

I posted Bulletins, requesting that I be informed if I was causing interference, by using this long path, and there were no responses.

When providing tracking data for just the EPAN net, KD4TOK-7 is all the path that is necessary.

3) APRS software malfunctions;

There were two minor problems in this area.

First, my station would stop transmitting the Bertha data, when the Positions page filled up. This problem was eliminated by registering the software and installing the validation number.

Second, the software would stop responding to the left mouse button, after more than five hours with no keyboard entries. This interferes with

zooming and hooking. Since the <enter> key can be used for the same purpose,

this has only a minor effect on the operating technique.

This problem was common to versions 7.5c, 7.6d and it still happens in 7.6f. Validating the software did not eliminate this problem.

4) Acquisition of NWS data;

During the exercise, it was reported to me that access to the NWS Internet web pages, on the NHC site, had been restricted. Since I was not using the web page links, to obtain copies of the NWS advisories, this was not a problem.

5) Distribution of NWS Advisories;

With so few local stations, initially, the most recent NWS advisory was maintained as a bulletin in my TNC's mailbox and a bulletin announcing that, was posted on APARS.

As the more distant stations, using a long path, accessed the advisory, it became apparent that this was interfering with the net's normal use. I

then designated an (O)ps (D)igi path, posting the bulletin on the local net only and that interference stopped.

Since then, many of the stations in EPAN (including all the APARS operators) have gotten on the Juno e-mail server and the DEC has instituted an EPAN Mailing List, which is used to distribute the NWS advisories. I no longer maintain the most recent NWS advisory in my mailbox.

6) Interference by other stations;

During the evenings and the early mornings, when propagation was at it's best, I normally, directly receive stations from northern Alabama and Georgia, through central Florida. During band openings, I have seen stations as far away as Canada and Haiti. When the net is being used solely for entertainment purposes, this is fine. Unfortunately, this causes some problems for local use.

a) accidental capture of locally posted object;

This was the most common problem, throughout the exercise. During the evenings and the early mornings, when propagation was at it's best, my posted storm was repeatedly being captured by distant stations, who were also posting the storm.

Initially, I tried to eliminate the reception of these distant stations, by reducing my receiver sensitivity. This was a complete failure, as most of the distant stations were indiscriminately using WIDE in their path and the EPAN digi would also repeat the packets.

WA8INZ demonstrated a simple solution, by appending the advisory

number to his object name. A unique object name prevents accidental capture.

I now append "P" (for Panhandle) as the ninth character in the object name for all Tropical Cyclones.

b) map cluttered with unnecessary data;

Distant stations, not being in the direct and immediate path of the storm, have a tendency to post additional and unnecessary data to the net.

This is completely normal and will probably always happen. After all, the best time to experiment with alternate methods of reporting, is when the storm is not coming your way. That way if something doesn't work out, you won't interfere with local preparations for the upcoming disaster.

During the evenings and the early mornings, when propagation was at it's best, undesired data would show up from distant nets, contributing to a confusion of information on the local net displays. Again, the indiscriminate use of WIDE in many distant stations' path, contributes enormously to the interference.

Since the reception of packets from distant stations is usually intermittent, an alert operator can easily capture and (K)ill the undesired posted objects. By using a specific path for just the local net, this should maintain the local net at maximum usability, while continuing to permit the distant nets to experiment with alternate methods.

I noticed that my software was not allowing the displaying of new incoming Bulletins, when the Bulletin page was already full. This appeared to be a problem even after validation.

Routinely erasing the Bulletins with Alt-E prevents this from happening. If anyone knows how to erase individually specified Bulletins, instead of the entire page, please let me know how.

c) different data posted by other stations

Distant stations, not being in the direct and immediate path of the storm, have a tendency to fail to perform timely updates to the data, that they are posting. Sometimes, data would come in, from distant nets, that was as much as 24 hours old. Since very few Tropical Cyclones read

the NWS advisories, they do not normally follow the predicted path.

During the evenings and the early mornings, when propagation was at it's best, old data would show up from distant nets, contributing to a

confusion of information on the local net displays. Again, the indiscriminate use of WIDE in many distant stations' path, contributes

enormously to the interference.

Again, an alert operator can easily capture and (K)ill posted objects from distant stations.

This problem, if combined with the problem in 6)a), could have disastrous effects in an area using a local net to prepare for an imminent Hurricane.

If you think I exaggerate how critical this problem could be, just imagine what it would have been like if during the final 12 hours before

Opal's landfall, the Panhandle had been using 24 hour old data in making preparations.

Suggestions for future operations:

Since the indiscriminate use of WIDE directly contributed to the interference problems, I recommend that all operators, throughout the APARS

community, develop the habit of avoiding the use of WIDE, whenever possible.

Admittedly, it is necessary for mobiles to use WIDE and digis should also

use WIDE, WIDE to give maximum spread to their IDs and beacons. Base stations,

however should tailor a specific path for whatever their needs are, avoiding

all use of WIDE, whenever possible.

Even more important, stations transmitting data packets that relate to disaster preparations in another net, should *NEVER* use WIDE in their path.

Additionally, all individual base stations, east of the Mississippi, should

remove every WIDE from their path, several hours before any Atlantic Tropical Cyclone makes landfall.

The local net will find it advantageous, to have one operator designated

to capture and kill, all distant station data, from the local net, during the

final four hours prior to landfall of the Tropical Cyclone.

If the Tropical Cyclone makes landfall in the late afternoon, then the

designated operator will not have much to do. On the other hand, if the Tropical Cyclone makes landfall during the hours of darkness or anytime up

to mid morning, then the designated operator will be critical to maintaining

a local net, free from confusing data.

Joe Foor kf4dys
Florida ARES
East Panhandle District
Tropical Cyclone Tracking Operator

From KD4EMI@aol.com
From: 0004818186@mcimail.com Sun Jul 28 09:18:16 1996
Received: from emout10.mail.aol.com (emout10.mx.aol.com [198.81.11.25]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id JAA03992 for <aprssig@tapr.org>; Sun, 28
Jul 1996 09:18:14 -0500 (CDT)
From: KD4EMI@aol.com
Received: by emout10.mail.aol.com (8.6.12/8.6.12) id KAA06668 for
aprssig@tapr.org; Sun, 28 Jul 1996 10:19:06 -0400
Date: Sun, 28 Jul 1996 10:19:06 -0400
Message-ID: <960728101905_586602622@emout10.mail.aol.com>
To: aprssig@tapr.org
Subject: Fwd: Another Stamp application

In a message dated 96-07-28 07:29:00 EDT, 0004818186@mcimail.com (Miami
Network) writes:

>If you have a stamp in your car you only need to have it watch
>the \$GPRMC String that the GPS is sending out {if you are in
>fact leaving that on all the time} even when you are out of the
>car.
>
>If the Stamp detects a 0 MPH then it can change the beacon to
>15 minutes and if it sees a speed > 5 MPH it will go into the
>3 minute mode and change the paths for you. DTMF is still a
>good idea and you should not eliminate it!
>
>This way you maximize the intelligence of the stamp. The only thing that is
>wrong is you need to eliminate the RELAY,WIDE
>which does absolutely nothing and just keep it at WIDE,WIDE.
>
>In South Florida everything will be a WIDE to generate maximum
>signal thru put by means of the digipeat concept

I am having problems with the stamp reading the GPS data.
Not sure why. One comment, stamp support is tough to get. They are pretty
busy lot there.
Though this is a great idea. I also thought the frequency of the xmits can be
decreased as you slow down.
Mike

Forwarded message:
From: 0004818186@mcimail.com (Miami Network)
To: kd4emi@aol.com (Mike Kantor)
Date: 96-07-28 07:29:00 EDT

If you have a stamp in your car you only need to have it watch the \$GPRMC String that the GPS is sending out {if you are in fact leaving that on all the time} even when you are out of the car.

If the Stamp detects a 0 MPH then it can change the beacon to 15 minutes and if it sees a speed > 5 MPH it will go into the 3 minute mode and change the paths for you. DTMF is still a good idea and you should not eliminate it!

This way you maximize the intelligence of the stamp. The only thing that is wrong is you need to eliminate the RELAY,WIDE which does absolutely nothing and just keep it at WIDE,WIDE.

In South Florida everything will be a WIDE to generate maximum signal thru put by means of the digipeat concept.

73, Seymour, KC4NMY

From n8chb@tir.com Sun Jul 28 09:41:45 1996
Received: from tir.com (sun.tir.com [205.138.41.6]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA04754 for <aprssig@tapr.org>; Sun, 28 Jul 1996 09:41:43 -0500 (CDT)
Received: from n8chb.tir.com (an11liv.tir.com [205.218.84.13]) by tir.com (8.7.5/8.7) with SMTP id KAA13734 for <aprssig@tapr.org>; Sun, 28 Jul 1996 10:37:47 -0400 (EDT)
Message-ID: <31FB6DAE.7D96@tir.com>
Date: Sun, 28 Jul 1996 14:39:58 +0100
From: Roger Breckon <n8chb@tir.com>
Reply-To: n8chb@tir.com
X-Mailer: Mozilla 3.0b5aGold (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: err code 11
Content-Type: multipart/mixed; boundary="-----1A785343EBF"

This is a multi-part message in MIME format.

-----1A785343EBF
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

aprs ver f:

Getting an err code 11
can not make it fail all the time but seems to have something to do wit page up and down, also when moving the mouse?

attached is my setup file.

de Roger n8chb@tir.com

-----1A785343EBF

Content-Type: text/plain; charset=us-ascii; name="Initaea.tnc"

Content-Transfer-Encoding: 7bit

Content-Disposition: inline; filename="Initaea.tnc"

rem ** C:\aprs\system\initaea.tnc

rem ** this file contains the aea pk-900 dual port

rem ** start-up command codes for aprs dos ver

exp on
ackprior on/on
acrdisp 0
acrpac off
alfdisp off
alfpac off
ax2512v2 off/on
bargraph 3
bbsmsgs off
beacon every 0/every 0
chswitch \$7c
constamp off
ctext empty
daystamp off
dcdconn off
dfrom all/all
digi on/on
echo off
flow off
frack 15/8
fulldup off
gusers 3
hbaud 300/1200
headerln off
hid off/on
ilfpac on
maildrop off
maxframe 1/4
mcon 0/0
mdigi on
mfrom all/all
modem 10/4
monitor 2/2
mrpt on/on
mstamp off
mto all/all
mxmit on
mycall n8chb/n8chb
myident none
mygate none
myalias echo/relay
mymail none

newmode off
paclen 64/128
persist 84/84
ppersist on/on
qhpacket 10/4
qvpacket 10/4
radio 1/2
resptime 0/0
slottime 8/30
trflow off
ubit 0 off
ubit 19 off
users 3/1
vhf off/on
xgateway off
xflow off

-----1A785343EBF--

From w2g3zfj@unix.asb.com Sun Jul 28 10:20:01 1996
Received: from unix.asb.com (root@unix.asb.com [165.254.128.4]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id KAA06221 for <aprssig@tapr.org>; Sun, 28 Jul 1996
10:19:59 -0500 (CDT)
Received: from asb35 (sls25.asb.com [165.254.128.35]) by unix.asb.com
(8.6.12/8.6.9) with SMTP id LAA22376 for <aprssig@tapr.org>; Sun, 28 Jul 1996
11:24:28 -0400
Message-Id: <199607281524.LAA22376@unix.asb.com>
X-Sender: w2g3zfj@unix.asb.com
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sun, 28 Jul 1996 11:18:12 -0400
To: aprssig@tapr.org
From: w2g3zfj@unix.asb.com (bob)
Subject: Re: [APRSSIG:3390] Fwd: Another Stamp application
X-Mailer: <PC Eudora Version 1.4>

Hi Mike

I have a similar application but use a 'Domino' from Micromint. This has much better performance than the STAMP and costs are similar. I use it to take the GPVGA and GPVTG data from my Magnavox GPS unit and synthesize a GPRMC sentence which is much more efficient for use with APRS. Obviously, the Domino has no problems with reading the GPS data as it must do in this application. I am at present working on just such a system as you described to reduce the transmit rate when the car is parked. If anyone is interested I can put the source code on my home page. But it is pretty simple!

I have no connection with Micromint but for \$79, 10 i/o bits, 32K ram, 32K EEPROM its a pretty good unit!

73 de bob w2/g3zfj
w2g3zfj@unix.asb.com

<http://www.asb.com/usr/w2g3zfj/aprs1.htm>

>In a message dated 96-07-28 07:29:00 EDT, 0004818186@mcimail.com (Miami Network) writes:

>

>>If you have a stamp in your car you only need to have it watch
>>the \$GPRMC String that the GPS is sending out {if you are in
>>fact leaving that on all the time} even when you are out of the
>>car.

>>

>>If the Stamp detects a 0 MPH then it can change the beacon to
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>>This way you maximize the intelligence of the stamp. The only thing that is
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>>which does absolutely nothing and just keep it at WIDE,WIDE.

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>>In South Florida everything will be a WIDE to generate maximum
>>signal thru put by means of the digipeat concept

>

>I am having problems with the stamp reading the GPS data.

>Not sure why. One comment, stamp support is tough to get. They are pretty
>busy lot there.

>Though this is a great idea. I also thought the frequency of the xmits can be
>decreased as you slow down.

>Mike

>

>-----

>Forwarded message:

>From: 0004818186@mcimail.com (Miami Network)

>To: kd4emi@aol.com (Mike Kantor)

>Date: 96-07-28 07:29:00 EDT

>

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>the \$GPRMC String that the GPS is sending out {if you are in
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>signal thru put by means of the digipeat concept.

>

>
>73, Seymour, KC4NMY
>
>
>
>
>

From n2czf@magg.net Sun Jul 28 12:02:09 1996
Received: from grumpy.magg.net (root@grumpy.magg.net [205.218.112.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id MAA10076 for <aprssig@tapr.org>; Sun, 28 Jul 1996 12:02:08 -0500 (CDT)
Received: from Cybergate (wpb-164.magg.net [205.218.112.164]) by grumpy.magg.net (8.7.5/8.7.3) with SMTP id MAA08275 for <aprssig@tapr.org>; Sun, 28 Jul 1996 12:57:04 -0400
Date: Sun, 28 Jul 1996 12:57:04 -0400
Message-Id: <199607281657.MAA08275@grumpy.magg.net>
X-Sender: n2czf@magg.net
X-Mailer: Windows Eudora Version 1.4.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: n2czf@magg.net (Richard Garcia)
Subject: W7LUS Images on Home Page

If anyone is interested in seeing what the W7LUS-14 mobile looks like or see a picture of Peter himself check out

<http://www.magg.net/~n2czf/aprs.html>

The links to the images will be at the bottom which you can directly access using the "National News" button toward the top of the page.

73's Rich N2CZF
n2czf@magg.net
<http://www.magg.net/~n2czf> (Personal)
<http://www.magg.net/~n2czf/aprs.html> (Florida APRS)
Jupiter Farms Florida EL96

From KD4EMI@aol.com Sun Jul 28 13:45:44 1996
Received: from emout18.mail.aol.com (emout18.mx.aol.com [198.81.11.44]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id NAA13492 for <aprssig@tapr.org>; Sun, 28 Jul 1996 13:45:43 -0500 (CDT)
From: KD4EMI@aol.com
Received: by emout18.mail.aol.com (8.6.12/8.6.12) id OAA03366 for aprssig@tapr.org; Sun, 28 Jul 1996 14:44:20 -0400
Date: Sun, 28 Jul 1996 14:44:20 -0400
Message-ID: <960728144419_247478251@emout18.mail.aol.com>
To: aprssig@tapr.org
Subject: INFO ABOUT MEETING

RE MELBOURNE HAMFEST:

There is a Mcdonalds (large) just down the street from the hamfest. I will be attending it and hope to see you guys there. I will be operating HF and VHF mobile on the trip up (at least VHF for sure).

Lets nail down a time and place..

How about in front of the hamfest at 12 noon and then go to MCdonalds or play it by ear from there...

Also, some kinda distictive thing to wear to recognize fellow aprs's would be neat ...

Any suggestions ?

Mike

KD4EMI@AOL.COM

From wa4dsy@wa4dsy.radio.org Sun Jul 28 16:48:16 1996

Received: from smtp-gw01.ny.us.ibm.net (smtp-gw01.ny.us.ibm.net [165.87.194.252]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id QAA19569 for <aprssig@tapr.org>; Sun, 28 Jul 1996 16:48:12 -0500 (CDT)

Received: (from uucp@localhost) by smtp-gw01.ny.us.ibm.net (8.6.9/8.6.9) id VAA111203 for < aprssig@tapr.org>; Sun, 28 Jul 1996 21:48:04 GMT

Message-Id: <199607282148.VAA111203@smtp-gw01.ny.us.ibm.net>

Received: from wa4dsy-1.wa4dsy.radio.org(206.28.196.146) by smtp-gw01.ny.us.ibm.net via smap (V1.3mjr)

id smau0oDM2; Sun Jul 28 21:47:54 1996

Date: Sun, 28 Jul 96 17:47:52 EDT

From: wa4dsy@wa4dsy.radio.org (Dale Heatherington)

Reply-To: wa4dsy@wa4dsy.radio.org (Dale Heatherington)

To: aprssig@tapr.org

X-Mailer: Dale Heatherington's PMMail v1.1

Subject: APRS Internet server back

I've put the APRS server back on line. Direct your Java enabled browsers to:

<http://www.wa4dsy.radio.org/aprs/>

It has been known to stop sending TNC data for no reason so be advised that it's still being debuged. If you don't see any activity for 2 or 3 minutes it's probably gone brain dead. The max users is still 30.

Have fun

Dale Heatherington, WA4DSY

e-mail - wa4dsy@wa4dsy.radio.org

e-mail - daheath@ibm.net (in case the first one doesn't work)

Web page - <http://www.wa4dsy.radio.org>

This message brought to you by OS/2 Warp Connect.

From wd5ivd@tapr.org Sun Jul 28 19:00:51 1996
Received: (from wd5ivd@localhost) by tapr.org (8.7.5/8.7.3/1.9) id TAA23756; Sun, 28 Jul 1996 19:00:50 -0500 (CDT)
From: Greg Jones <wd5ivd@tapr.org>
Message-Id: <199607290000.TAA23756@tapr.org>
Subject: GPS_20 TAPR Update
To: aprssig@tapr.org (BBS SIG mailing), tapr-bb@tapr.org (TAPR-BB mailing)
Date: Sun, 28 Jul 1996 19:00:50 -0500 (CDT)
X-Mailer: ELM [version 2.4 PL25]
Content-Type: text

As an update to the current Garmin GPS-20 group purchase,
we are lacking about 20 orders to meet the requirements of the purchase.

Get those friends and family members ordering :-)

Cheers - Greg, WD5IVD
TAPR

From dkaplan@pionet.net Sun Jul 28 19:16:21 1996
Received: from ELWOOD.pionet.net (ELWOOD.pionet.net [199.120.116.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id TAA24339 for <aprssig@tapr.org>; Sun, 28 Jul 1996 19:16:19 -0500 (CDT)
Received: from pm1_113.pionet.net by ELWOOD.pionet.net; (5.65v3.0/1.1.8.2/030ct95-1046AM)
id AA08316; Sun, 28 Jul 1996 19:22:33 -0500
Date: Sun, 28 Jul 1996 19:22:33 -0500
Message-Id: <9607290022.AA08316@ELWOOD.pionet.net>
X-Sender: dkaplan@elwood.pionet.net
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: Dave Kaplan <dkaplan@pionet.net>
Subject: AirMobile Operation

WBOWNX-7 will be operating airmobile from Sioux City, IA to Kansas City, MO this Tuesday. Departure from SUX will be approx 0730L. Cruising altitude will be 17,000. Path is APRS VIA WIDE,GATE,GATE,WIDE every 30 seconds on 145.79 running 10 watts into a rubber duck suctioned to co-pilot side window. GPS is a Motorola Encore with the puck thrown on top of the dash on the co-pilot's side. Return to Sioux City will be approx 1900L (depending on how much dinner I eat) at 16,000 ft. Requests copies of ground tracks and your home QTH Lat/Long to get an idea of how far I can reach.

Dave
WBOWNX
NE0272

From n8chb@tir.com Sun Jul 28 19:34:06 1996
Received: from tir.com (sun.tir.com [205.138.41.6]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id TAA25472 for <aprssig@tapr.org>; Sun, 28 Jul 1996 19:34:04 -0500 (CDT)

Received: from n8chb.tir.com (an22liv.tir.com [205.218.84.24]) by tir.com (8.7.5/8.7) with SMTP id UAA15713 for <aprssig@tapr.org>; Sun, 28 Jul 1996 20:30:05 -0400 (EDT)

Message-ID: <31FBF87D.2154@tir.com>

Date: Mon, 29 Jul 1996 00:32:13 +0100

From: Roger Breckon <n8chb@tir.com>

Reply-To: n8chb@tir.com

X-Mailer: Mozilla 3.0b5aGold (Win95; I)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: Re: [APRSSIG:3395] APRS Internet server back

References: <199607282148.VAA111203@smtp-gw01.ny.us.ibm.net>

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Dale Heatherington wrote:

>

> I've put the APRS server back on line. Direct your Java enabled browsers to:

>

//////////

works and looks perfect using netscape.

thanks,

73

de Roger n8chb@tir.com

From bruninga@nadn.navy.mil Sun Jul 28 20:51:41 1996

Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id UAA28209 for <aprssig@tapr.org>; Sun, 28 Jul 1996 20:51:39 -0500 (CDT)

Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil (8.6.12/8.6.12) with SMTP id VAA28651 for <aprssig@tapr.org>; Sun, 28 Jul 1996 21:56:34 -0400

X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs

Date: Sun, 28 Jul 1996 21:56:34 -0400 (EDT)

From: Bob Bruninga <bruninga@nadn.navy.mil>

X-Sender: bruninga@arctic

To: aprssig@tapr.org

Subject: Re: [APRSSIG:3373] APRS7.6F

In-Reply-To: <199607262132.RAA32345@hemisphere.neocomm.net>

Message-ID: <Pine.GS0.3.94.960728215534.28607A-1000000@arctic>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 26 Jul 1996, Charles W. Davidson wrote:

> I have a small problem here. My floppy drive keeps filling up with
> *.log and *.hst files. I have no Postions marked for tracking, I do
> not have Nmea Log on , and Log is not on. What do I do to stop
> saving these files?

APRSDos REPLY COMMENT: If you save a BACKUP file on exit with any other name than BACKUP.BK, then you will always save the other files too....

de wb4apr@amsat.org

From bruninga@nadm.navy.mil Sun Jul 28 20:56:37 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id UAA28397 for <aprssig@tapr.org>; Sun, 28 Jul 1996 20:56:35 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil (8.6.12/8.6.12) with SMTP id WAA28684 for <aprssig@tapr.org>; Sun, 28 Jul 1996 22:01:30 -0400
X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs
Date: Sun, 28 Jul 1996 22:01:30 -0400 (EDT)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: SAREX For The Deaf (fwd)
Message-ID: <Pine.GS0.3.94.960728215904.28607C-1000000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

These guys might get a kick out of APRS too.

de wb4apr@amsat.org

----- Forwarded message -----
From: John Rothert <rothertj@digital.net>
To: sarex@amsat.org
Subject: SAREX For The Deaf

I am currently working with a group of deaf students here in central Florida call New Friends. It is a non-profit organization for deaf and hearing impaired children. The function of the organization is to provide an atmosphere where deaf children can meet to socialize and share learning experiences. When you first think of Amateur Radio you think of Voice and CW, but we have many modes that could be used by hearing impaired. Radio Teletype, Amtor, Packet, Pactor, TV and even CW could be a means of communicating via Amateur Radio for the deaf. Now with digital read out dial displays, tuning to the proper frequency is no problem. I have been involved with the SAREX program here in the central Florida since STS-35, and thought this would be a great project to get these kids involved with. Last year we submitted our application to ARRL and the SAREX committity to have a scheduled possible Packet contact with one of the up coming missions. As I understand it NASA is interested in this project and we may get our chance on a future mission. Some of our student objectives are:

- A. Learn about Space Science.
- B. Show how computers can help you communicate.
- C. Learn about the Internet.
- D. Spark interest in Amateur Radio.
- E. Communicate with the Space Shuttle.

If any of you know of any deaf Hams please let me know how I can get in touch with them. I am sure the kids at New Friends would like hear about them. I am also looking for any idea you may have that would help make Amateur Radio more exciting to these kids.

73,
John
KC4IY0

From jimkd1yv@ix.netcom.com Sun Jul 28 21:28:45 1996
Received: from dfw-ix4.ix.netcom.com (dfw-ix4.ix.netcom.com [206.214.98.4]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id VAA29585 for <aprssig@tapr.org>; Sun, 28 Jul 1996 21:28:43 -0500 (CDT)
Received: from dbx-ct1-15.ix.netcom.com (dbx-ct1-15.ix.netcom.com [205.186.164.47]) by dfw-ix4.ix.netcom.com (8.6.13/8.6.12) with SMTP id TAA24949 for <aprssig@tapr.org>; Sun, 28 Jul 1996 19:28:09 -0700
Message-ID: <31FC1389.7EFF@ix.netcom.com>
Date: Sun, 28 Jul 1996 22:27:37 -0300
From: KD1YV <jimkd1yv@ix.netcom.com>
Organization: Hamily
X-Mailer: Mozilla 2.02 (Win16; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Silly reply to INFO ABOUT MEETING and serious question
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

>Also, some kinda distictive thing to wear to recognize fellow aprs's would be
>neat ...

How about a page from a street or road map using different colored push-pins to attach
it to the back of your jacket :-) Sorry, I just really couldn't resist that one.

I do have a serious question about APRS that a friend has posed. Is there some filter
that could be set on that would only display stations heard directly, i.e., not digi-peated. I know that this defeats the general purpose of APRS, but he has suggested
a sort of unique application.

He is a heavy VHF/UHF user, and wants to use it as a way to track and plot propagation
conditions, and to alert him of band openings to a particular area. Sort of a DX-mode
type of operation, but directly heard, and for VHF.

Does anybody have any suggestions?

73 de Jim, KD1YV

From jbaum@freenet.columbus.oh.us Sun Jul 28 21:49:24 1996
Received: from ronco-i.freenet.columbus.oh.us (ronco.freenet.columbus.oh.us [164.107.107.13]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id VAA00751 for <aprssig@tapr.org>; Sun, 28 Jul 1996 21:49:22 -0500 (CDT)
Received: from login by ronco-i.freenet.columbus.oh.us (8.7.5/5.960408) id WAA22279; Sun, 28 Jul 1996 22:49:16 -0400 (EDT)
Received: by login (8.6.10) id WAA17723; Sun, 28 Jul 1996 22:49:18 -0400
Date: Sun, 28 Jul 1996 22:44:41 -0400 (EDT)
From: John Baum <jbaum@freenet.columbus.oh.us>
Subject: Re: [APRSSIG:3270] Re: San Diego Freq - Again
To: aprssig@tapr.org
cc: aprssig@tapr.org
In-Reply-To: <960723221506_368837963@emout10.mail.aol.com>
Message-ID: <Pine.3.07.9607282237.A15288-a1000000@login>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Thanks to all you did respond to my request. Unfortunately Mr Murphy was working overtime. My original message out of the service I used for E-mail did not hit hear until Monday 7/22. I was already in S.D. by then. A quick call to Ham Radio Outlet did let me know that APRS was on good old 5.79.

The rental lap top and TNC did not get along at all. By looking at the LED Bar on the hand help, I had to be within eyeball of a relay or wide, by two nights of putzing drew no luck on the comm problem, so I threw it in, and speent the evenings watching the sun go down over the Pacific instead.

John Baum - KB8JX0 - Sysop APRS OHIO LLBBS (614) 443-4249
Cruise Missile Address: 39 56.35 N 082 58.89 W
Semi-Co-owner of HOOT - Columbus Ohio's BiWeekly Humor Newspaper

From bruninga@nadm.navy.mil Sun Jul 28 21:55:47 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id VAA00903 for <aprssig@tapr.org>; Sun, 28 Jul 1996 21:55:46 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil (8.6.12/8.6.12) with SMTP id XAA29044 for <aprssig@tapr.org>; Sun, 28 Jul 1996 23:00:41 -0400
X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs
Date: Sun, 28 Jul 1996 23:00:41 -0400 (EDT)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3389] Bertha: lessons learned (long)
In-Reply-To: <19960727.175120.11943.0.kf4dys@juno.com>
Message-ID: <Pine.GS0.3.94.960728224636.28607H-1000000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

joe F0or kf4dys gave some excellent problems and solutions for operating an APRS severe weather net for REAL. He seems to have a very good grasp of some of the obscure techniques built in. Only one thing that he didnt mention was the consideration to use an alternate net. APRS has two features for isolating operations from other operations on the same frequency

1) alt-SETUP-MODES-SPECIAL sets your station to send all packets TO SPCL and to ignore all other packets on frequency EXCEPT those to SPCL. There are two aspects of this:

- a) All other APRS stations WILL see all of the data to SPCL
- b) All of the SPCL station only see each other but can receive MSGS from outsiders
- c) But if other remote areas also use SPCL then you will still see them TOO

2) alt-SETUP-MODE-altNET Same as above with the following additional differences:

- a) You can uniquely NAME your altnet
- b) No one else on frequency OTHER than your group will see you
- c) You will see no one else
- d) Im not sure if you will receive incoming messages or not

NOTE: !!! These commands are from memory, so Im not exactly sure of the exact command, but they are in SETUP somewhere...

3) What happens if you BUDLIST out WIDE? I think the filters in the TNC's only BUDLIST the FROM and TO calls, and you cant filter out the DIGI path?

TEST THESE, They have been little used, and may not be perfect...

de wb4apr@amsat.org

From bruninga@nadn.navy.mil Sun Jul 28 22:21:46 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id WAA02038 for <aprssig@tapr.org>; Sun, 28 Jul 1996 22:21:43 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil (8.6.12/8.6.12) with SMTP id XAA29205; Sun, 28 Jul 1996 23:26:36 -0400
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Sun, 28 Jul 1996 23:26:35 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: Dave Kaplan <dkaplan@pionet.net>
cc: aprssig@tapr.org
Subject: Re: Air Mobile into OJC Airport
In-Reply-To: <9607280241.AA15283@ELWOOD.pionet.net>
Message-ID: <Pine.GS0.3.94.960728230146.28607I-1000000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Concerning what to use for APRS AERO mobile...

YOU would be SHOT if you used RELAY, hi hi..... YOU would be keying up every radio in hundreds of miles for NO ADVANTAGE WHAT SO EVER...

Use NOTHING. Everyone will hear an airplane at 30K ft out 250 miles. No need to hit any digi

But by using WIDE, you will go an additional 20 miles beyond the 250 mile range Line of sight (big deal). But you will penetrate some basements you wouldnt otherwise hit. AND one WIDE will never loop. so its OK

You could do just GATE and all VHFers with an outside antenna would see you out 250 miles at 30K feet PLUS all of the HFers would see you.
BUT MANY GATES will hear you and they will ALL collide on HF at the same time, so this is NOT a good idea either....

DO *NOT* do WIDE,GATE. The GATES will hear that packet TWICE and you will be QRMing the HF net by 400% due to the many gates times TWO..

So it looks to me like the only answer is WIDE only...

de wb4apr@amsat.org

From N5RKN@aol.com Sun Jul 28 22:23:06 1996
Received: from emout07.mail.aol.com (emout07.mx.aol.com [198.81.11.22]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id WAA02139 for <aprssig@tapr.org>; Sun, 28 Jul 1996 22:23:02 -0500 (CDT)
From: N5RKN@aol.com
Received: by emout07.mail.aol.com (8.6.12/8.6.12) id XAA29427 for aprssig@tapr.org; Sun, 28 Jul 1996 23:22:26 -0400
Date: Sun, 28 Jul 1996 23:22:26 -0400
Message-ID: <960728232225_444133353@emout07.mail.aol.com>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3396] GPS_20 TAPR Update

What was the cost, Greg? I'm sure there might be several in the West Texas area that would be interested.

73' Robert N5RKN

From bruninga@nadn.navy.mil Sun Jul 28 22:44:53 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id WAA03122 for <aprssig@tapr.org>; Sun, 28 Jul 1996 22:44:51 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil (8.6.12/8.6.12) with SMTP id XAA29398 for <aprssig@tapr.org>; Sun, 28 Jul 1996 23:49:46 -0400
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Sun, 28 Jul 1996 23:49:45 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3397] AirMobile Operation
In-Reply-To: <9607290022.AA08316@ELWOOD.pionet.net>

Message-ID: <Pine.GS0.3.94.960728234300.28607L-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 28 Jul 1996, Dave Kaplan wrote:

> WB0W NX-7 will be operating airmobile from Sioux City, IA to Kansas City, MO
> this Tuesday. Departure from SUX will be approx 0730L. Cruising altitude
> will be 17,000. Path is APRS VIA WIDE,GATE,GATE,WIDE every 30 secs...

APRSDOS REPLY COMMENT: Although I advised that the most efficient path for
AERO would probably be just WIDE.... Hey, I always believe in
EXPERIMENTATION too!, and the flight ain't gonna last all day. so GO FOR
IT!

But if there is someone monitoring live, it would be nice to observe the
effect on HF compared to what VHFers hear direct... Please, HFers, report
to me the total packets copied from beginning to end so we can see the
percentage that get through... This will be a good data experiment...

de wb4apr@amsat.org

From bruninga@nadn.navy.mil Sun Jul 28 22:47:43 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id WAA03278 for <aprssig@tapr.org>; Sun, 28
Jul 1996 22:47:42 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.6.12/8.6.12) with SMTP id XAA29408 for <aprssig@tapr.org>; Sun, 28 Jul 1996
23:52:37 -0400
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Sun, 28 Jul 1996 23:52:36 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSID:3401] Silly reply to INFO ABOUT MEETING and serious question
In-Reply-To: <31FC1389.7EFF@ix.netcom.com>
Message-ID: <Pine.GS0.3.94.960728235056.28607M-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 28 Jul 1996, KD1YV wrote:

> >Also, some kinda distinctive thing to wear to recognize fellow aprs's would be
> >neat ...

APRSDOS REPLY COMMENT: I have a T-SHIRT mfr making up an APRS design. BUT
the guy just bought a new house and said he can't get back to it till about
mid August. But I think he will do sweatshirts too..., hi hi

de wb4apr@amsat.org

From bruninga@nadn.navy.mil Sun Jul 28 22:52:04 1996

Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id WAA03766 for <aprssig@tapr.org>; Sun, 28 Jul 1996 22:52:02 -0500 (CDT)

Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil (8.6.12/8.6.12) with SMTP id XAA29432 for <aprssig@tapr.org>; Sun, 28 Jul 1996 23:56:57 -0400

X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs

Date: Sun, 28 Jul 1996 23:56:57 -0400 (EDT)

From: Bob Bruninga <bruninga@nadn.navy.mil>

X-Sender: bruninga@arctic

To: aprssig@tapr.org

Subject: Re: [APRSSIG:3401] Silly reply to INFO ABOUT MEETING and serious question

In-Reply-To: <31FC1389.7EFF@ix.netcom.com>

Message-ID: <Pine.GS0.3.94.960728235240.28607N-1000000@arctic>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 28 Jul 1996, KD1YV wrote:

> I do have a serious question about APRS that a friend has posed. Is there
> some filter that could be set on that would only display stations heard
> directly... He is a heavy VHF/UHF user, and wants to use it as a way to
> track and plot propagation conditions...

APRSDOS REPLY COMMENT: Its in there! CONTROLS-FILTERS-DIRECT

de wb4apr@amsat.org

From kf4dys@juno.com Mon Jul 29 01:12:48 1996

Received: from x4.boston.juno.com (x4.boston.juno.com [205.231.101.22]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id BAA14068 for <aprssig@tapr.org>; Mon, 29 Jul 1996 01:12:47 -0500 (CDT)

Received: (from kf4dys@juno.com) by x4.boston.juno.com (queuemail)
id CAA19515; Mon, 29 Jul 1996 02:12:35 EDT

To: aprssig@tapr.org

Date: Mon, 29 Jul 1996 01:08:50 PST

Subject: Re: Bertha: lessons learned (long)

Message-ID: <19960729.010859.11079.0.kf4dys@juno.com>

References: <Pine.GS0.3.94.960728224636.28607H-1000000@arctic>

X-Mailer: Juno 1.00

X-Juno-Line-Breaks: 1-41

From: kf4dys@juno.com (Joe Foor)

On Sun, 28 Jul 1996 22:02:01 -0500 (CDT) Bob Bruninga

<bruninga@nadn.navy.mil> writes:

> Only one thing that he
> didn't mention was the consideration to use an alternate net. APRS has
> two
> features for isolating operations from other operations on the same
> frequency
>
> 1) alt-SETUP-MODES-SPECIAL sets your station to send all packets TO
> SPCL

>and to ignore all other packets on frequency EXCEPT those to SPCL.

>2) alt-SETUP-MODE-altNET Same as above with the following additional
>differences:

Thanks for the reminder, Bob. I'll go back and read the documents again. That sounds like exactly what we need to handle the interference problem.

>3) What happens if you BUDLIST out WIDE? I think the filters in the
>TNC's only BUDLIST the FROM and TO calls, and you can't filter out the
>DIGI path?

I thought of that. Well, almost... I suggested to the DEC that as a last resort we might remove the WIDE from the digi about six hours before a storm makes local landfall. Unfortunately that would still allow distant stations to put data on the individual displays, although they would no longer be able to disrupt the entire net.

One of the reasons that I am doing this task is, I am the farthest inland station (60 miles) on the local net. Consequently I should still have reliable communications when the heart of the storm hits the coast. Unfortunately, this makes me more susceptible to interference from inland distant stations, that are unconcerned about the accuracy of their data.

It still might come down to that, but I think the SPECIAL and ALTNET modes will do the job.

It's too late to try it for Cesar, but the next TD is fair game. I'll let you know how it works out.

regards,
Joe

From kheyboer@pinegov.co.pinellas.fl.us Mon Jul 29 06:13:37 1996
Received: from pinegov (pinegov.co.pinellas.fl.us [136.174.202.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id GAA22098 for <aprssig@tapr.org>; Mon, 29 Jul 1996 06:13:35 -0500 (CDT)
Received: from none.compuserve.com by pinegov (SMI-8.6/SMI-SVR4) id CAA06775; Mon, 29 Jul 1996 02:12:16 -0400
Message-ID: <31FC9D27.4569@co.pinellas.fl.us>
Date: Mon, 29 Jul 1996 07:14:48 -0400
From: Kevin Heyboer <kheyboer@pinegov.co.pinellas.fl.us>
X-Mailer: Mozilla 3.0b5aGold (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3401] Silly reply to INFO ABOUT MEETING and serious question
References: <31FC1389.7EFF@ix.netcom.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

KD1YV wrote:

>

> >Also, some kinda distinctive thing to wear to recognize fellow aprs's would be

> >neat ...
>
> How about a page from a street or road map using different colored push-pins to
attach
> it to the back of your jacket :-) Sorry, I just really couldn't resist that
one.
>
> I do have a serious question about APRS that a friend has posed. Is there some
filter
> that could be set on that would only display stations heard directly, i.e., not
> digi-peated. I know that this defeats the general purpose of APRS, but he has
suggested
> a sort of unique application.
>
> He is a heavy VHF/UHF user, and wants to use it as a way to track and plot
propagation
> conditions, and to alert him of band openings to a particular area. Sort of a
DX-mode
> type of operation, but directly heard, and for VHF.
>
> Does anybody have any suggestions?
>
> 73 de Jim, KD1YV

Sure is Jim, just go into the filter menu and turn on the GATE
filter..this prevents posting of any station with GATE in their path
much in the same way as the BUDLIST in your TNC prevents connects to
stations you don't want to hear from.

--

From: Kevin Heyboer E-mail:kheyboer@co.pinellas.fl.us
Amateur Radio Call: KD4UYR Packet Mail: KD4UYR @W4DPH.#CLW.FL.US
Assistant Emergency Coordinator and SKYWARN Coordinator
Greater Pinellas County (St Petersburg/Clearwater) Florida

From jleonard@tbcnet.com Mon Jul 29 07:41:16 1996
Received: from tbc1.tbcnet.com (root@tbc1.tbcnet.com [207.112.224.11]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id HAA24908 for <aprssig@tapr.org>; Mon, 29 Jul 1996
07:41:15 -0500 (CDT)
Received: from PR148.tbcnet.com (PR148.tbcnet.com [207.112.227.48]) by
tbc1.tbcnet.com (8.7.4/8.7.3) with SMTP id HAA28156 for <aprssig@tapr.org>; Mon,
29 Jul 1996 07:41:13 -0500
X-Authentication-Warning: tbc1.tbcnet.com: Host PR148.tbcnet.com [207.112.227.48]
didn't use HELO protocol
Message-Id: <1.5.4.32.19960729124108.006ce76c@tbcnet.com>
X-Sender: jleonard@tbcnet.com
X-Mailer: Windows Eudora Light Version 1.5.4 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Mon, 29 Jul 1996 07:41:08 -0500
To: aprssig@tapr.org
From: "John B. Leonard, Jr" <jleonard@tbcnet.com>

Subject: Re: [APRSSIG:3407] Re: Silly reply to INFO ABOUT MEETING and serious question

How 'bout just the letters "APRS" and then what it stands for: "Automatic Position Reporting System"?

Then nobody has to fight over GPS, WX, maps, mac, win, dos, etc applications.

jbl

At 23:10 7/28/96 -0500, you wrote:

>On Sun, 28 Jul 1996, KD1YV wrote:

>

>> >Also, some kinda distictive thing to wear to recognize fellow aprs's would be

>> >neat ...

>

>APRSdos REPLY COMMENT: I have a T-SHIRT mfr making up an APRS design. BUT >the guy just bought a new house and said he cant get back to it till about >mid August. But I think he will do sweatshirts too..., hi hi

>

>

>de wb4apr@amsat.org

>

J Barry Leonard/N9VJQ

DeKalb IL

E-MAIL: jleonard@tbcnet.com

WWW Home Page <http://tbcnet.com/~jleonard/leonard.htm>

American Red Cross Disaster Services

From b.gotshall@worldnet.att.net Mon Jul 29 08:03:37 1996

Received: from mtigwc02.worldnet.att.net (mailhost.worldnet.att.net [204.127.129.4]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id IAA25742 for <aprssig@tapr.org>; Mon, 29 Jul 1996 08:03:36 -0500 (CDT)

Received: from LOCALNAME ([199.70.197.56]) by mtigwc02.worldnet.att.net (post.office MTA v2.0 0613) with SMTP id AAA152 for <aprssig@tapr.org>; Mon, 29 Jul 1996 13:03:03 +0000

Message-ID: <31FCE06B.4680@worldnet.att.net>

Date: Mon, 29 Jul 1996 09:01:47 -0700

From: "B.G. Gotshall" <b.gotshall@worldnet.att.net>

X-Mailer: Mozilla 2.01E (Win16; I)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: Re: [APRSSIG:3407] Re: Silly reply to INFO ABOUT MEETING and serious question

References: <Pine.GS0.3.94.960728235056.28607M-1000000@arctic>

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Bob Bruninga wrote:

>
> On Sun, 28 Jul 1996, KD1YV wrote:
>
> > Also, some kinda distictive thing to wear
>
> APRSdos REPLY COMMENT: But I think he will do sweatshirts too..., hi hi
>
> de wb4apr@amsat.org

Just picture wearing a SWEATshirt in South Central Florida in Aug. or
Sept...(:-}

Bud(WB4LTF)

From wa8inz@cris.com Mon Jul 29 08:15:54 1996
Received: from franklin.cris.com (franklin.cris.com [199.3.12.31]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id IAA26197 for <aprssig@tapr.org>; Mon, 29 Jul 1996
08:15:52 -0500 (CDT)
Received: from darius.cris.com (darius [199.3.12.32])
by franklin.cris.com (8.7.5/(96/06/11 2.45))
id JAA09039; Mon, 29 Jul 1996 09:15:51 -0400 (EDT)
[1-800-745-2747 The Concentric Network]
Errors-To: wa8inz@cris.com
Received: from LOCALNAME (cnc801213.concentric.net [206.83.64.213])
by darius.cris.com (8.7.5)
id JAA01455; Mon, 29 Jul 1996 09:15:49 -0400 (EDT)
Message-ID: <31FCD5A2.28B7@concentric.net>
Date: Mon, 29 Jul 1996 08:15:46 -0700
From: William Nolle <wa8inz@cris.com>
Organization: None
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3409] Re: Bertha: lessons learned (long)
References: <19960729.010859.11079.0.kf4dys@juno.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Joe Foor wrote:

>
> On Sun, 28 Jul 1996 22:02:01 -0500 (CDT) Bob Bruninga
>
> I thought of that. Well, almost... I suggested to the DEC that as
> a last resort we might remove the WIDE from the digi about six hours
> before a storm makes local landfall. Unfortunately that would still
> allow distant stations to put data on the individual displays,
> although they would no longer be able to disrupt the entire net.
> One of the reasons that I am doing this task is, I am the
> farthest inland station (60 miles) on the local net. Consequently
> I should still have reliable communications when the heart of the
> storm hits the coast. Unfortunately, this makes me more susceptible
> to interference from inland distant stations, that are unconcerned

> about the accuracy of their data.
> It still might come down to that, but I think the SPECIAL and
> ALTNET modes will do the job.
>
> It's too late to try it for Cesar, but the next TD is fair game. I'll
> let you know how it works out.
>
> regards,
> Joe

Joe i respect what you and the group are trying to do, BUT you keep saying that other user information is not accurate "inland distant stations, that are unconcerned about the accuracy" I beg to differ with you and take offence to your remarks. During betha i downloaded the information directly from NOAA as it came in and no more then 2 minutes later posted it on APRS. You cannot expect the whole APRS network to stop because you think they should. Believe me you'r going to run into these problems, i can tell you this first hand because i did also. But please don't refer to other users of APRS that have been using it for many years as INTERFERENCE and that they are UNCONCERNED about ACCURACY. I surely hope the people in your area have more precise and accurate equipment to predict heavy weather then APRS, although i agree it can be very helpfull to local ARES and RACES groups.

--

\\\\\\
(o o)
--o00-()-00o--
Bill WA8INZ
wa8inz@cris.com
wa8inz@amsat.org

From jratc hf@bulldog.afsc.k12.ar.us Mon Jul 29 08:57:00 1996
Received: from bulldog.afsc.k12.ar.us (root@[170.211.157.174]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id IAA28258 for <aprssig@tapr.org>; Mon, 29 Jul 1996 08:56:58 -0500 (CDT)
Received: from jratc hf.bulldog.afsc.k12.ar.us (slip1.afsc.k12.ar.us [170.211.157.175]) by bulldog.afsc.k12.ar.us (8.6.11/8.6.9) with SMTP id IAA16921 for <aprssig@tapr.org>; Mon, 29 Jul 1996 08:57:02 -0500
Message-Id: <199607291357.IAA16921@bulldog.afsc.k12.ar.us>
From: "J. Scott Ratchford, KC5JGV" <jratc hf@bulldog.afsc.k12.ar.us>
To: <aprssig@tapr.org>
Subject: Re: [APRSSIG:3409] Re: Bertha: lessons learned (long)
Date: Mon, 29 Jul 1996 08:49:32 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1085
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

> It still might come down to that, but I think the SPECIAL and
> ALTNET modes will do the job.
>

>
> regards,
> Joe

I'd be careful here! Bob, wouldn't the ALT-net be more like a PRIVATE net and not allow anyone monitoring the net see it? I can understand using that for certain situations, but in this case, it would be best for all to be able to monitor it.

Please clarify this.....

--

J. Scott Ratchford - KC5JGV - Marshall, Arkansas
* North Arkansas Amateur Radio Society, Inc.
* Marshall Volunteer Fire Dept./EMS First Responder
* Calf Creek Lodge #426
* E. Daniel Hardware "3 Fingers" Bourbon & Liars Club

From jratrchf@bulldog.afsc.k12.ar.us Mon Jul 29 08:57:03 1996
Received: from bulldog.afsc.k12.ar.us (root@[170.211.157.174]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id IAA28261 for <aprssig@tapr.org>; Mon, 29 Jul 1996 08:57:00 -0500 (CDT)
Received: from jratrchf.bulldog.afsc.k12.ar.us (slip1.afsc.k12.ar.us [170.211.157.175]) by bulldog.afsc.k12.ar.us (8.6.11/8.6.9) with SMTP id IAA16923 for <aprssig@tapr.org>; Mon, 29 Jul 1996 08:57:04 -0500
Message-Id: <199607291357.IAA16923@bulldog.afsc.k12.ar.us>
From: "J. Scott Ratchford, KC5JGV" <jratrchf@bulldog.afsc.k12.ar.us>
To: <aprssig@tapr.org>
Subject: Re: [APRSSIG:3404] Re: Air Mobile into OJC Airport
Date: Mon, 29 Jul 1996 08:55:38 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1085
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

> But by using WIDE, you will go an additional 20 miles beyond the 250
mile
> range Line of sight (big deal). But you will penetrate some basements
you
> wouldnt otherwise hit. AND one WIDE will never loop. so its OK
>
> de wb4apr@amsat.org

If the digi is picking up the generic WIDE, would it not send that out and therefore be MORE than just 20 miles. Right???

--

J. Scott Ratchford - KC5JGV - Marshall, Arkansas
* North Arkansas Amateur Radio Society, Inc.
* Marshall Volunteer Fire Dept./EMS First Responder
* Calf Creek Lodge #426
* E. Daniel Hardware "3 Fingers" Bourbon & Liars Club

From bruninga@nadm.navy.mil Mon Jul 29 08:58:24 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id IAA28327 for <aprssig@tapr.org>; Mon, 29 Jul 1996 08:58:23 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil (8.6.12/8.6.12) with SMTP id KAA20479 for <aprssig@tapr.org>; Mon, 29 Jul 1996 10:03:18 -0400
X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs
Date: Mon, 29 Jul 1996 10:03:18 -0400 (EDT)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: APRS T shirts
In-Reply-To: <1.5.4.32.19960729124108.006ce76c@tbcnet.com>
Message-ID: <Pine.GS0.3.94.960729095941.19874A-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 29 Jul 1996, John B. Leonard, Jr wrote:

> How 'bout just the letters "APRS" and then what it stands for: "Automatic
> Position Reporting System"? Then nobody has to fight over GPS, WX,
> maps, mac, win, dos, etc applications.

APRSDOS REPLY COMMENT: Yes, hopefully it will appear generic. The chest is a big oval globe of the world in black. Over the top is big red letters APRS and under the globe are the words Automatic Position Reporting System... in Blue with the first letter of each word in RED...

Again, I will announce when the guy is ready. You will order from him...

de wb4apr@amsat.org

From dcreek@pixi.com Mon Jul 29 09:19:20 1996
Received: from mail.pixi.com (phoenix.pixi.com [204.182.46.6]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id JAA29281 for <aprssig@tapr.org>; Mon, 29 Jul 1996 09:19:18 -0500 (CDT)
Received: from mothra22.pixi.com (mothra22.pixi.com [140.174.243.153]) by mail.pixi.com (8.6.12/PIXI-4.1) with SMTP id EAA23096 for <aprssig@tapr.org>; Mon, 29 Jul 1996 04:19:12 -1000
Date: Mon, 29 Jul 1996 04:06:06 -1000 (HST)
From: Dave Creek <dcreek@pixi.com>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3412] Re: Silly reply to INFO ABOUT MEETING and serious question
In-Reply-To: <31FCE06B.4680@worldnet.att.net>
Message-ID: <Pine.PCW.3.95.960729040416.7911A-100000@mothra22.pixi.com>
X-X-Sender: dcreek@imap-server.pixi.com
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 29 Jul 1996, B.G. Gotshall wrote:

> Bob Bruninga wrote:
> >
> > On Sun, 28 Jul 1996, KD1YV wrote:
> >
> > > Also, some kinda distictive thing to wear
> >
> > APRSdos REPLY COMMENT: But I think he will do sweatshirts too..., hi hi
> >
> > de wb4apr@amsat.org
>
> Just picture wearing a SWEATshirt in South Central Florida in Aug. or
> Sept...(:-}
>
>
> Bud(WB4LTF)

Or in Hawaii any time of the year. <g>

Dave Creek, NH6BA
Ewa Beach, HI
dcreek@pixi.com

From stanzepa@usa.nai.net Mon Jul 29 09:44:30 1996
Received: from usa.nai.net (usa.nai.net [204.71.21.10]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id JAA00488 for <aprssig@tapr.org>; Mon, 29 Jul 1996
09:44:26 -0500 (CDT)
Received: from [206.98.48.228] (naihl1p27.nai.net [206.98.48.228]) by usa.nai.net
(8.6.12/8.6.5) with SMTP id KAA09131 for <aprssig@tapr.org>; Mon, 29 Jul 1996
10:39:50 -0400
X-Sender: stanzepa@nai.net (Unverified)
Message-Id: <v01540b00ae227e5a8772@[206.98.48.249]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Mon, 29 Jul 1996 10:45:43 -0400
To: aprssig@tapr.org
From: stanzepa@usa.nai.net (stan horzepa)
Subject: APRS Perseids Meteor Scatter Test

APRS Perseids Meteor Scatter Test Announcement

Date and Time: August 11 0000 UTC to August 12 1200 UTC
(August 10 2000 EDST to August 12 0800 EDST)

Frequency: 145.79 and 50.62 MHz (if available in your area)

Mode 1200 baud AX.25 packet

All amateurs are encouraged to participate in the Perseids meteor scatter test August 11-12. Although 6 meters is better than 2 meters for meteor scatter work, everyone has a 2-meter radio and we can make up in numbers what we lack in performance (during the 1995 test, numerous

stations received packets from 600 to 1000 miles away and a handful even copied stations over 1000 miles away... on 2 meters). All you need is a TNC and, preferably, high power and a beam. The objective is to see how many grid square (DX) packets you can receive over the 36-hour event (a successful connection would be icing on the cake).

Stations in the four quadrants of the continent transmit alternately for 15 seconds (the quadrants are formed by the 39 degree north latitude and 96 degrees west longitude). There are two ways to do this: (1) by using the Meteor Scatter (MS) mode built into the DOS version of APRS or (2) by placing your six-digit grid square in the Unproto To call sign field, for example, WA1LOU>FN31MP.

Suggested procedures for the test follow:

1) Point your beam towards a major population area 500 to 1000 miles away in one of the other US quadrants. If there is another active local station, coordinate your beam headings so you are not both hitting the same azimuth and receiver target area.

2) Enter your grid square into your TNC using the following command:

```
cmd: UNPROTO FN31mp
```

where FN31mp is your six-digit grid square. If you can't estimate the last two digits, use aa. Note that no Via Digipeater is used.

3) For attended operation, enter the Converse Mode (cmd: CONV). Each time you hit carriage return <CR>, you send a packet. Hit 20 <CR>s and you send 20 grid square packets. Synchronize your clock with WWV and transmit as many packets that you can according to the following schedule:

Northeast stations transmit between 00 to 14 seconds of each minute.

Southeast stations transmit between 15 to 29 seconds of each minute.

Southwest stations transmit between 30 to 44 seconds of each minute.

Northwest stations transmit between 45 to 59 seconds of each minute

4) Alternatively, run APRS DOS version 7.1b or later. Its automated meteor scatter mode plots received packets on a map. (Read the file METEOR.TXT bundled with the latest releases of APRS.)

By the way, only stations running at least 100 watts into a beam antenna should transmit. Anything less is unlikely to propagate packets via meteor scatter and just causes unnecessary QRM. For example, during last year's test, I transmitted 150 watts into an 11-element beam and nobody reported receiving my packets!

Even if your station is not a powerhouse, you can still participate by monitoring the test. If you are running APRS, each received grid square packet is plotted on a map and entered into the APRS Heard log.

If you are not running APRS, set the clock in your TNC and enabling the time-stamping function so that each monitored packet displays the date and time of its reception. This makes logging received packets easy and permits unattended monitoring and logging when you are unable to sit in front of your computer. Watch for stations sending packets containing grid squares. Make a note of the grid squares that are 500 to 1200 miles from your QTH. When you receive a grid square from one of those, you know you have hit pay dirt. If you are running 100 watts or more into a beam antenna, you can try and make a connection with that station, too!

After the test, I will need your reports to see how we did. Your reports should contain the following information:

Your call sign

Your state/province

Your grid square

Your effective radiated power

Call signs of received/connected stations

Grid squares of received/connected stations

Time of reception/connection in UTC and number of received packets

Distance between you and the received/connected stations

Send your reports by email to:

stanzepa@nai.net

Or by mail to:

Stan Horzepa, WA1LOU
One Glen Ave.
Wolcott, CT 06716-1442

Have fun!

From bruninga@nadm.navy.mil Mon Jul 29 10:15:48 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id KAA02158 for <aprssig@tapr.org>; Mon, 29 Jul 1996 10:15:47 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil (8.6.12/8.6.12) with SMTP id LAA27869 for <aprssig@tapr.org>; Mon, 29 Jul 1996 11:20:42 -0400
X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs
Date: Mon, 29 Jul 1996 11:20:41 -0400 (EDT)
From: Bob Bruninga <bruninga@nadm.navy.mil>

X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3415] Re: Air Mobile into OJC Airport
In-Reply-To: <199607291357.IAA16923@bulldog.afsc.k12.ar.us>
Message-ID: <Pine.GS0.3.94.960729111911.19874C-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 29 Jul 1996, J. Scott Ratchford, KC5JGV wrote:

> > But by using WIDE, you will go an additional 20 miles beyond the 250mi
> > range Line of sight (big deal). But you will penetrate some basements
> > you wouldnt otherwise hit. AND one WIDE will never loop. so its OK
> > de wb4apr@amsat.org
>
> If the digi is picking up the generic WIDE, would it not send that out and
> therefore be MORE than just 20 miles. Right???

APRSDos REPLY COMMENT: That was a conservative estimate for a 100 foot
DIGI on flat land, hi hi.

de wb4apr@amsat.org

From bruninga@nadn.navy.mil Mon Jul 29 10:20:45 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id KAA02501 for <aprssig@tapr.org>; Mon, 29
Jul 1996 10:20:43 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.6.12/8.6.12) with SMTP id LAA28377 for <aprssig@tapr.org>; Mon, 29 Jul 1996
11:25:38 -0400
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Mon, 29 Jul 1996 11:25:38 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3414] Re: Bertha: lessons learned (long)
In-Reply-To: <199607291357.IAA16921@bulldog.afsc.k12.ar.us>
Message-ID: <Pine.GS0.3.94.960729112101.19874D-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 29 Jul 1996, J. Scott Ratchford, KC5JGV wrote:

> > I think the SPECIAL and ALTNET modes will do the job....
>
> I'd be careful here! Bob, wouldn't the ALT-net be more like a PRIVATE net
> and not allow anyone monitoring the net see it? I can understand using
> that for certain situations, but in this case, it would be best for all to
> be able to monitor it.

APRSDos REPLY COMMENT: True, altNET is "private" BUT everyone can see it
by just setting CONTROLS to OTHER. In this case, someone should beacon a
bulletin saying "To see severe WX net, set CONTROLS-OTHER..." I agree that

this is not optimum. I would think that SPECIAL is the way to go then everyone else AUTOMATICALLY sees it.

One other thing, remember that you can set WX-JUST under the WX menu so that ONLY WX stuff is displayed. This is a toggle setting as opposed to the normal JUST-WX command which is a one-time display...

de wb4apr@amsat.org

From seront@seism1.ess.sunysb.edu Mon Jul 29 10:28:47 1996
Received: from ccm1.sunysb.edu (ccm1.sunysb.edu [129.49.1.103]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA02685 for <aprssig@tapr.org>; Mon, 29 Jul 1996 10:28:45 -0500 (CDT)
Received: from seism1.ess.sunysb.edu by ccm1.sunysb.edu (PMDF V5.0-6 #8051) id <01I7N6DURT80A6305N@ccm1.sunysb.edu> for aprssig@tapr.org; Mon, 29 Jul 1996 11:28:42 -0400 (EDT)
Received: from corto.ess.sunysb.edu by seism1.ess.sunysb.edu (4.1/SMI-4.1) id AA07981; Mon, 29 Jul 1996 11:27:59 -0400 (EDT)
Date: Mon, 29 Jul 1996 11:28:07 -0400
From: Bernard Seront <seront@seism1.ess.sunysb.edu>
Subject: Re: [APRSSIG:3390] Fwd: Another Stamp application
X-Sender: seront@seism1.ess.sunysb.edu
To: aprssig@tapr.org
Message-id: <2.2.32.19960729152807.00876a14@seism1.ess.sunysb.edu>
MIME-version: 1.0
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Content-type: text/plain; charset="us-ascii"
Content-transfer-encoding: 7BIT

At 09:28 AM 7/28/96 -0500, you wrote:

>In a message dated 96-07-28 07:29:00 EDT, 0004818186@mcimail.com (Miami

>>If you have a stamp in your car you only need to have it watch
>>the \$GPRMC String that the GPS is sending out {if you are in
>>fact leaving that on all the time} even when you are out of the
>>car.

>>

>

>I am having problems with the stamp reading the GPS data.
>Not sure why. One comment, stamp support is tough to get. They are pretty
>busy lot there.

I have an application to read GPS data with a stamp (BS2 needed for 4800 bauds), and display the data on a 16*2 LCD.
Ask direct if interested. I'll try to put it on the web sometime.

Bernard, KB2TGH

Bernard Seront, seront@seism1.ess.sunysb.edu (MIME ok)
<http://rock.ess.sunysb.edu:8080/>

From cap@cruzio.com Mon Jul 29 10:36:06 1996

Received: from cruzio.com (mmdf@bbs.cruzio.com [165.227.10.31]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id KAA03246 for <aprssig@tapr.org>; Mon, 29 Jul 1996 10:36:04 -0500 (CDT)

Received: by cruzio.com id aa02849; 29 Jul 96 8:34 PDT

Received: from surf127.cruzio.com by cruzio.com id aa27290; 29 Jul 96 8:23 PDT

Message-ID: <31FCD75F.313@cruzio.com>

Date: Mon, 29 Jul 1996 08:23:11 -0700

From: Cap Pennell <cap@cruzio.com>

X-Mailer: Mozilla 3.0b5 (Win95; U)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: Re: [APRSSIG:3389] Bertha: lessons learned (long)

References: <19960727.175120.11943.0.kf4dys@juno.com>

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Joe Foor wrote:

>
> Greetings all;
>
> I am the ARES Tropical Cyclone tracker for the EPAN APRS vhf net, <snip!>
> the software would stop responding to the left mouse button,
> after more than five hours with no keyboard entries. This interferes with
>
> zooming and hooking. Since the <enter> key can be used for the same
> purpose,
> this has only a minor effect on the operating technique.
> This problem was common to versions 7.5c, 7.6d and it still happens in
>
> 7.6f. Validating the software did not eliminate this problem.
>
<snip!>
> Joe Foor kf4dys
> Florida ARES
> East Panhandle District
> Tropical Cyclone Tracking Operator
>
> .-

I have noticed this as well. Kinda irritating when you get used to using the left mouse button for resizing maps.

73. Cap

--

Cap Pennell

Santa Cruz, CA, 95062-1002 3658.92N/12200.88W

email: cap@cruzio.com

packet radio: ke6afe@kg6ee.#cenca.ca.usa.noam

From jratchf@bulldog.afsc.k12.ar.us Mon Jul 29 11:13:32 1996

Received: from bulldog.afsc.k12.ar.us (root@[170.211.157.174]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id LAA05100 for <aprssig@tapr.org>; Mon, 29 Jul 1996 11:13:30 -0500 (CDT)

Received: from jratchf.bulldog.afsc.k12.ar.us (slip1.afsc.k12.ar.us

[170.211.157.175]) by bulldog.afsc.k12.ar.us (8.6.11/8.6.9) with SMTP id LAA18348 for <aprssig@tapr.org>; Mon, 29 Jul 1996 11:13:41 -0500
Message-Id: <199607291613.LAA18348@bulldog.afsc.k12.ar.us>
From: "J. Scott Ratchford, KC5JGV" <jratchf@bulldog.afsc.k12.ar.us>
To: "aprssig taprorg" <aprssig@tapr.org>
Subject: Special Nets
Date: Mon, 29 Jul 1996 11:11:55 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1085
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

There is a good message on here about the "experiences" of APRSnet during Bertha that identified a few bugs. It was well written and very informative to us "land lovers" here in tornado alley. In the message the problem of "outside the net" reports was identified. Mainly due to the good conditions during these storms, does this happen.

Out here in the "sticks" we welcome all input that we can get, be it one or two miles off course or not. In addition to our local net, we receive (when conditions are good) reports from other areas, which often effect our situation on down the line.

Bob, may I suggest this in an upgrade. That an additional mode, called LocalNet (or whatever) be added that DOES see the "outside" stations but DOES NOT plot them without operator ok or unless x amount of Heard's. A sort of delayed-DX mode. This mode should give the operator the option to "flag" out-of-net position reports on or off. Instead of out-of-net it could rather be out-of-x amount of mile range.

Just a thought.....any comments?

--

J. Scott Ratchford - KC5JGV - Marshall, Arkansas
* North Arkansas Amateur Radio Society, Inc.
* Marshall Volunteer Fire Dept./EMS First Responder
* Calf Creek Lodge #426
* E. Daniel Hardware "3 Fingers" Bourbon & Liars Club

From wa4dsy@wa4dsy.radio.org Mon Jul 29 12:15:20 1996
Received: from smtp-gw01.ny.us.ibm.net (smtp-gw01.ny.us.ibm.net [165.87.194.252]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id MAA08062 for <aprssig@tapr.org>; Mon, 29 Jul 1996 12:15:18 -0500 (CDT)
Received: (from uucp@localhost) by smtp-gw01.ny.us.ibm.net (8.6.9/8.6.9) id RAA154957 for <aprssig@tapr.org>; Mon, 29 Jul 1996 17:15:16 GMT
Message-Id: <199607291715.RAA154957@smtp-gw01.ny.us.ibm.net>
Received: from wa4dsy-2.wa4dsy.radio.org(206.28.196.147) by smtp-gw01.ny.us.ibm.net via smap (V1.3mjr)
id smazCIDFW; Mon Jul 29 17:15:07 1996
Date: Mon, 29 Jul 96 13:15:01 EDT
From: wa4dsy@wa4dsy.radio.org (Dale Heatherington)
Reply-To: wa4dsy@wa4dsy.radio.org (Dale Heatherington)

To: aprssig@tapr.org
X-Mailer: Dale Heatherington's PMMail v1.1
Subject: APRS Internet server

The APRS server seems to be working fine when accessed from a telnet client. Since Steve uploaded the latest version of JavAPRS at about 9:00 AM today I've been unable to get JavAPRS to connect to the server.

If you get a map to display but don't see any APRS stations on the map, try clicking on the telnet link on the home page. If that works then the server is working.

It may be just my Java applet viewer. Let me know if it works for you or not.

Dale Heatherington, WA4DSY
e-mail - wa4dsy@wa4dsy.radio.org
e-mail - daheath@ibm.net (in case the first one doesn't work)
Web page - <http://www.wa4dsy.radio.org>
This message brought to you by OS/2 Warp Connect.

From jaym1@soho.ios.com Mon Jul 29 12:23:31 1996
Received: from soho.ios.com (root@soho.ios.com [198.4.75.47]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id MAA08565 for <aprssig@tapr.org>; Mon, 29 Jul 1996 12:23:29 -0500 (CDT)
Received: from [206.20.7.31] (ppp-31.ts-1.ct.idt.net [206.20.7.31]) by soho.ios.com (8.6.12/IDT) with SMTP id NAA05796 for <aprssig@tapr.org>; Mon, 29 Jul 1996 13:23:19 -0400
Message-Id: <v01510100ae22a3e078b9@[206.20.7.3]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Mon, 29 Jul 1996 13:27:17 -0400
To: aprssig@tapr.org
From: jaym1@soho.ios.com (Jay Millard)
Subject: Info on Crystals

A well-sited amateur radio station operator has agreed to set up a RELAY-WIDE digi in our area, if I re-crystal his radio for him. Since I've been having trouble getting out of my not-so-well-sited QTH, I've agreed.

His radio is a Motorola MOXY (he says). Does anyone know of:

1. A source for transmit and receive crystals for this type of radio.
2. Any special tech requirements for these crystals.

Appreciate in advance any response.

73 de Jay

Jay Millard
Amateur Radio Station KD1LY
Darien, CT 06820

From lmkeeran@rs6000.cmp.ilstu.edu Mon Jul 29 13:10:30 1996
Received: from aixa.nsys.ilstu.edu (aixa.nsys.ilstu.edu [138.87.7.200]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id NAA10702 for <aprssig@tapr.org>; Mon, 29
Jul 1996 13:10:28 -0500 (CDT)
Received: from [138.87.2.109] (i0517009.adm.ilstu.edu [138.87.2.109]) by
aixa.nsys.ilstu.edu (AIX4.2/UCB 8.7/8.7) with SMTP id NAA21872 for
<aprssig@tapr.org>; Mon, 29 Jul 1996 13:09:13 -0500 (CDT)
Message-Id: <v02120d04ae22ae2ccbe6@[138.87.2.109]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Mon, 29 Jul 1996 13:10:51 -0500
To: aprssig@tapr.org
From: lmkeeran@rs6000.cmp.ilstu.edu (Larry Keeran)
Subject: Need answer for Oshgosh trip.

My friend has the TINI-2 MK-2 with built-in GPS (one year old) and a single port DOS PC with APRS on it.

To show himself on the dosAPRS map, on his PC, while in motion mobiling - what commands does he need to issue? and will this be able to send his position out to others simultaneously, over his mobile?

[illegible]

From gerry@cs.tamu.edu Mon Jul 29 13:27:16 1996
Received: from cs.tamu.edu (clavin.cs.tamu.edu [128.194.130.106]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id NAA11414 for <aprssig@tapr.org>; Mon, 29 Jul 1996 13:27:13 -0500 (CDT)
Received: from solar.cs.tamu.edu (2961@solar.cs.tamu.edu [128.194.132.1]) by cs.tamu.edu (8.6.10/8.6.4) with ESMTP id NAA10425 for <aprssig@tapr.org>; Mon, 29 Jul 1996 13:25:55 -0500
From: Gerald J Creager <gerry@cs.tamu.edu>
Received: (gerry@localhost) by solar.cs.tamu.edu (8.6.10/8.6.4) id NAA08668 for aprssig@tapr.org; Mon, 29 Jul 1996 13:25:43 -0500
Message-Id: <199607291825.NAA08668@solar.cs.tamu.edu>
Subject: Re: [APRSSIG:3425] Info on Crystals
To: aprssig@tapr.org
Date: Mon, 29 Jul 1996 13:25:43 -0500 (CDT)
In-Reply-To: <v01510100ae22a3e078b9@[206.20.7.3]> from "Jay Millard" at Jul 29, 96 12:33:58 pm
X-Mailer: ELM [version 2.4 PL25]
MIME-Version: 1.0

Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

Jay Millard sez:

>
> His radio is a Motorola MOXY (he says). Does anyone know of:
>
> 1. A source for transmit and receive crystals for this type of radio.
>
> 2. Any special tech requirements for these crystals.

Both Marden and International Crystal can make these reliably. Further, with the appropriate data from the serial plate (something like U43MLT) you will give them all the info needed to make the crystal and get it cut correctly.

International's phone number is 1-800-call-icm

Marden's got an 800 number, but I cannot recall what it is, and all my Parden data are at home... and I'm not!

Hope this helps. 73,
gerry
n5jxs@tamu.edu

From Paul_Moller@csg.mot.com Mon Jul 29 13:41:42 1996
Received: from motgate2.mot.com (motgate2.mot.com [129.188.136.20]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id NAA12160 for <aprssig@tapr.org>; Mon, 29 Jul 1996 13:41:40 -0500 (CDT)
Received: from pobox.mot.com (pobox.mot.com [129.188.137.100]) by motgate2.mot.com (8.7.3/8.6.10/MOT-3.8) with ESMTP id SAA27511 for <aprssig@tapr.org>; Mon, 29 Jul 1996 18:38:25 GMT
Received: from OAMPC10.csg.mot.com (OAMPC10.csg.mot.com [144.188.134.33]) by pobox.mot.com (8.7.3/8.6.10/MOT-3.8) with SMTP id NAA13029 for <aprssig@tapr.org>; Mon, 29 Jul 1996 13:41:06 -0500 (CDT)
Received: from PaulM_PC.csg.mot.com (PaulM_PC.csg.mot.com [144.188.36.8]) by OAMPC10.csg.mot.com (8.6.8.1/8.6.6) with SMTP id NAA22688 for <aprssig@tapr.org>; Mon, 29 Jul 1996 13:52:08 -0500
Message-Id: <2.2.32.19960729184156.006ff3b8@144.188.134.33>
X-Sender: mollpj@144.188.134.33
Return-Receipt-To: Paul_Moller@csg.mot.com
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Mon, 29 Jul 1996 13:41:56 -0500
To: aprssig@tapr.org
From: Paul Moller <Paul_Moller@csg.mot.com>
Subject: Re: [APRSSIG:3425] Info on Crystals

The crystal mfgs advertising in QST know what a Motorola Moxy is, and have the xtal requirements on file. Just ask for the TX or RX freq.

At 12:32 PM 7/29/96 -0500, you wrote:

>His radio is a Motorola MOXY (he says). Does anyone know of:

>
>1. A source for transmit and receive crystals for this type of radio.
>
>2. Any special tech requirements for these crystals.
>
>
Paul, WD9ABE

From kf4dys@juno.com Mon Jul 29 13:46:23 1996
Received: from x4.boston.juno.com (x4.boston.juno.com [205.231.101.22]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id NAA12237 for <aprssig@tapr.org>; Mon, 29
Jul 1996 13:46:22 -0500 (CDT)
Received: (from kf4dys@juno.com) by x4.boston.juno.com (queuemail)
id OAA15540; Mon, 29 Jul 1996 14:46:14 EDT
To: aprssig@tapr.org
Date: Mon, 29 Jul 1996 13:20:13 PST
Subject: Re: Bertha: lessons learned
Message-ID: <19960729.134158.4479.1.kf4dys@juno.com>
References: <31FCD75F.313@cruzio.com>
X-Mailer: Juno 1.00
X-Juno-Line-Breaks: 0-23
From: kf4dys@juno.com (Joe Foor)

On Mon, 29 Jul 1996 11:05:47 -0500 (CDT) Cap Pennell
<cap@cruzio.com> writes:
>Joe Foor wrote:
>> the software would stop responding to the left mouse button,
>> after more than five hours with no keyboard entries. This interferes
>>with
>>
>> zooming and hooking.
>
>I have noticed this as well. Kinda irritating when you get used to
>using the left mouse button for resizing maps.

I use the (M)ap (S)ave 3,5,7 or 9, to eliminate the need
to resize the maps.

By the way Bob, The docs say that 1 is supposed to be the
USA map, by default. I find that it is actually the
Marathon display and I can't save any other map to that
number. This forces me to waste another number on the USA
map. How do I get it to save the USA map to 1?

regards,
Joe

From jratchf@bulldog.afsc.k12.ar.us Mon Jul 29 14:04:28 1996
Received: from bulldog.afsc.k12.ar.us (root@[170.211.157.174]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id OAA13401 for <aprssig@tapr.org>; Mon, 29 Jul 1996
14:04:25 -0500 (CDT)
Received: from jratchf.bulldog.afsc.k12.ar.us (slip1.afsc.k12.ar.us

[170.211.157.175]) by bulldog.afsc.k12.ar.us (8.6.11/8.6.9) with SMTP id OAA20742 for <aprssig@tapr.org>; Mon, 29 Jul 1996 14:04:18 -0500
Message-Id: <199607291904.OAA20742@bulldog.afsc.k12.ar.us>
From: "J. Scott Ratchford, KC5JGV" <jratchf@bulldog.afsc.k12.ar.us>
To: <aprssig@tapr.org>
Subject: Re: [APRSSIG:3425] Info on Crystals
Date: Mon, 29 Jul 1996 14:03:07 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1085
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

> His radio is a Motorola MOXY (he says). Does anyone know of:
>
> 1. A source for transmit and receive crystals for this type of radio.
>
> 2. Any special tech requirements for these crystals.
>
> Appreciate in advance any response.
>
> 73 de Jay
>
> Jay Millard
> *Amateur Radio Station KD1LY*
> Darien, CT 06820
>

Jan's Crystals in Florida. They have a 1 800 number but I don't! Sorry.
You can find it listed in any ham mag. They got me crystals send out in
two days after the order. All you need to tell them is the freq and radio
type and they'll do the rest!

--

J. Scott Ratchford - KC5JGV - Marshall, Arkansas
* North Arkansas Amateur Radio Society, Inc.
* Marshall Volunteer Fire Dept./EMS First Responder
* Calf Creek Lodge #426
* E. Daniel Hardware "3 Fingers" Bourbon & Liars Club

From jagrelo@cris.com Mon Jul 29 14:14:42 1996
Received: from franklin.cris.com (franklin.cris.com [199.3.12.31]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id OAA13981 for <aprssig@tapr.org>; Mon, 29 Jul 1996
14:14:38 -0500 (CDT)
Received: from darius.cris.com (darius [199.3.12.32])
by franklin.cris.com (8.7.5/(96/06/11 2.45))
id PAA18308; Mon, 29 Jul 1996 15:14:36 -0400 (EDT)
[1-800-745-2747 The Concentric Network]
Errors-To: jagrelo@cris.com
Received: from crc3.pop3.net (cnc059046.concentric.net [206.83.77.46])
by darius.cris.com (8.7.5)
id PAA22515; Mon, 29 Jul 1996 15:14:33 -0400 (EDT)

Message-ID: <31FD38D5.AEA@concentric.net>
Date: Mon, 29 Jul 1996 15:19:01 -0700
From: Joseph Agrelo <jagrelo@cris.com>
Organization: Agrelo Engineering
X-Mailer: Mozilla 2.01 (Win95; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3424] APRS Internet server
References: <199607291715.RAA154957@smtp-gw01.ny.us.ibm.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Dale Heatherington wrote:

>
> The APRS server seems to be working fine when accessed
> from a telnet client. Since Steve uploaded the latest
> version of JavAPRS at about 9:00 AM today I've been unable
> to get JavAPRS to connect to the server.
>
> If you get a map to display but don't see any APRS stations
> on the map, try clicking on the telnet link on the
> home page. If that works then the server is working.
>
> It may be just my Java applet viewer. Let me know
> if it works for you or not.
>
> Dale Heatherington, WA4DSY
> e-mail - wa4dsy@wa4dsy.radio.org
> e-mail - daheath@ibm.net (in case the first one doesn't work)
> Web page - <http://www.wa4dsy.radio.org>
> This message brought to you by OS/2 Warp Connect.

Dale,

Everything works perfect here through Netscape 2.01 32 bit Windows95.
I found that a couple of times the map loaded in but no data, all I
did was hit reload and all was well, my guess is that the server was
near it's 30 users limit or I stepped in at an inconvenient time for
the server.

Excellent work! Thanks

73 De Joe N200C

XX

Agrelo Engineering

Joe Agrelo/President

1145 Catalyn St. Schenectady, NY 12303 USA

(518)381-1057

(518)381-1058

E-Mail: Jagrelo@concentric.net

WEB: <http://home.navisoft.com/agrelo/ae.htm>

Designer & Manufacturer of intelligent microprocessor
based Doppler and talking products

Experts in Microchip & Motorola processors

XX

From bruninga@nadm.navy.mil Mon Jul 29 14:45:12 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id OAA15795 for <aprssig@tapr.org>; Mon, 29
Jul 1996 14:45:08 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil
(8.6.12/8.6.12) with SMTP id PAA26291 for <aprssig@tapr.org>; Mon, 29 Jul 1996
15:50:04 -0400
X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs
Date: Mon, 29 Jul 1996 15:50:04 -0400 (EDT)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3418] APRS Perseids Meteor Scatter Test
In-Reply-To: <v01540b00ae227e5a8772@[206.98.48.249]>
Message-ID: <Pine.GS0.3.94.960729154636.26028A-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I am having big probs at work, I will be out of town for the Meteor
scatter test and wont have time to test the curent versions of APRS
to be sure that Meteor mode still works. WOULD someone test it and
confirm that I didnt break it with all the recent SAREX changes...

de wb4apr@amsat.org

From bruninga@nadm.navy.mil Mon Jul 29 15:02:59 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id PAA16791 for <aprssig@tapr.org>; Mon, 29
Jul 1996 15:02:57 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil
(8.6.12/8.6.12) with SMTP id QAA28067 for <aprssig@tapr.org>; Mon, 29 Jul 1996
16:07:53 -0400
X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs
Date: Mon, 29 Jul 1996 16:07:53 -0400 (EDT)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3429] Re: Bertha: lessons learned
In-Reply-To: <19960729.134158.4479.1.kf4dys@juno.com>
Message-ID: <Pine.GS0.3.94.960729160609.26028G-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 29 Jul 1996, Joe Foor wrote:

>
> I use the (M)ap (S)ave 3,5,7 or 9, to eliminate the need
> to resize the maps.
>
> By the way Bob, The docs say that 1 is supposed to be the
> USA map, by default. I find that it is actually the

> Marathon display and I can't save any other map to that key

APRSDos REPLY COMMENT: The 1 key is actually the default map pointed to by the current MAPLIST.XX file. For the MAPLIST.USA, it is the USA. For MAPLIST.GA, it would be Georgia, etc...

de wb4apr@amsat.org

From rwf@mindspring.com Mon Jul 29 15:09:08 1996

Received: from itchy.mindspring.com (itchy.mindspring.com [204.180.128.6]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id PAA17177 for <aprssig@tapr.org>; Mon, 29 Jul 1996 15:08:59 -0500 (CDT)

Received: from borg.mindspring.com (borg.mindspring.com [204.180.128.14]) by itchy.mindspring.com (8.7.5/8.7.3) with ESMTP id QAA03844; Mon, 29 Jul 1996 16:08:04 -0400 (EDT)

Received: from rwf.mindspring.com (user-168-121-44-154.dialup.mindspring.com [168.121.44.154]) by borg.mindspring.com (8.6.12/8.6.12) with SMTP id QAA26619; Mon, 29 Jul 1996 16:07:58 -0400

Message-Id: <2.2.32.19960729200956.006e5c5c@mindspring.com>

X-Sender: rwf@mindspring.com

X-Mailer: Windows Eudora Pro Version 2.2 (32)

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Date: Mon, 29 Jul 1996 16:09:56 -0400

To: aprssig@tapr.org

From: rwf <rwf@mindspring.com>

Subject: Re: [APRSSIG:3430] Re: Info on Crystals

Cc: jaym1@soho.ios.com

Beware of Jan Crystals for a digi or repeater... especially their 2 day non-aged ones.

Stick with a manufacturer like International, not an el-cheapo!

We sent back over a dozen crystals to Jan because they were drift-o-matics. Along with them, we sent a good International crystal. Instructions were to not send the crystals back until they were of equal quality.

I stopped by Jan Crystals when I was in Ft Myers on my infamous Florida trip this past Winter... they refused to allow me to see their manufacturing process and quality control facility. No tour, no pictures, not even a glass window.

BTW- about the returned crystals... They never even offered to remake them or refund the money!

Bomar is ~~ok~~, but still not great. About half of the ones I get from them are off freq, drift, or have low activity.

In an earlier message, Scott Ratchford recommended:

>>

>

>Jan's Crystals in Florida. They have a 1 800 number but I don't! Sorry.

>You can find it listed in any ham mag. They got me crystals send out in
>two days after the order. All you need to tell them is the freq and radio
>type and they'll do the rest!
>

From sdimse@bridge.net Mon Jul 29 15:37:57 1996
Received: from relay6.UU.NET (relay6.UU.NET [192.48.96.16]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id PAA18735 for <aprssig@tapr.org>; Mon, 29 Jul 1996
15:37:56 -0500 (CDT)
Received: from bridge.net by relay6.UU.NET with ESMTP
(peer crosschecked as: newworld.bridge.net [204.253.4.4])
id QQbams15826; Mon, 29 Jul 1996 16:37:53 -0400 (EDT)
Received: from (ppp-mia2-72.bridge.net [204.253.4.72]) by bridge.net (8.7.5/8.7.3)
with SMTP id QAA16584 for <aprssig@tapr.org>; Mon, 29 Jul 1996 16:34:59 -0400
(EDT)
Message-Id: <199607292034.QAA16584@bridge.net>
Subject: javAPRS Update
Date: Mon, 29 Jul 96 16:37:51 -0400
x-sender: sdimse@mail.bridge.net
x-mailer: Claris Emailer 1.1
From: Steve Dimse <sdimse@bridge.net>
To: <aprssig@tapr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

An upload I had made last night with new and improved features messed
things up. Sorry for the problems. Everything works good for me now.

For those of you who haven't checked recently, take a look at:

<http://www.wa4dsy.radio.org/aprs>

The live data server is on line, and working great.

Good job Dale!

73 de Steve K04HD

From cdavidso@hemisphere.neocomm.net Mon Jul 29 16:28:08 1996
Received: from hemisphere.neocomm.net (root@hemisphere.neocomm.net
[205.160.234.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id QAA20686 for
<aprssig@tapr.org>; Mon, 29 Jul 1996 16:28:01 -0500 (CDT)
Received: from Axton (ppp34.neocomm.net [205.160.234.34]) by
hemisphere.neocomm.net (8.6.11/8.6.9) with SMTP id RAA02300 for
<aprssig@tapr.org>; Mon, 29 Jul 1996 17:28:08 -0400
Message-Id: <199607292128.RAA02300@hemisphere.neocomm.net>
Comments: Authenticated sender is <cdavidso@neocomm.net>
From: "Charles W. Davidson" <cdavidso@hemisphere.neocomm.net>
Organization: Acme
To: aprssig@tapr.org
Date: Mon, 29 Jul 1996 17:21:04 +0000
Subject: Re: [APRSSIG:3399] Re: APRS7.6F
Reply-to: cdavidso@hemisphere.neocomm.net

Priority: normal

X-mailer: Pegasus Mail for Windows (v2.01)

> Date: Sun, 28 Jul 1996 20:53:20 -0500 (CDT)
> Reply-to: aprssig@tapr.org
> From: Bob Bruninga <bruninga@nadn.navy.mil>
> To: aprssig@tapr.org
> Subject: [APRSSIG:3399] Re: APRS7.6F

> On Fri, 26 Jul 1996, Charles W. Davidson wrote:

>

> > I have a small problem here. My floppy drive keeps filling up with
> > *.log and *.hst files. I have no Postions marked for tracking, I do
> > not have Nmea Log on , and Log is not on. What do I do to stop
> > saving these files?

>

> APRSdos REPLY COMMENT: If you save a BACKUP file on exit with any other
> name than BACKUP.BK, then you will always save the other files too....

>

> de wb4apr@amsat.org

>

But I don't exit, this station runs 24 hours...except when the floppy fills up and I get Dos erra #61 . But at least the digi keeps on digie'ing ha ha. Actually I just pull the disk and delete the log and hst files, replace disk and hit enter and it (APRS) keeps on running. Perhaps I will delete the config file and try again? I only have room for 3 maps...I'll have to delete 2 of them so my PCjr will run through a whole weekend without crashing.

cdavidso@neocomm.net

<http://www.neocomm.net/~cdavidso/>

WB4PAN@WB4Q0J.VA.USA.NOAM

From christen@codger.physics.duq.edu Mon Jul 29 16:50:47 1996

Received: from infobahn.icubed.com (infobahn.icubed.com [199.234.114.2]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id QAA22252 for <aprssig@tapr.org>; Mon, 29 Jul 1996 16:50:45 -0500 (CDT)

Received: from wm22.icubed.com by infobahn.icubed.com;
(5.65/1.1.8.2/25Jun95-1044PM)

id AA07394; Mon, 29 Jul 1996 17:47:30 -0400

Sender: paul@infobahn.icubed.com

Message-Id: <31FD2B91.1D4AD8C3@codger.physics.duq.edu>

Date: Mon, 29 Jul 1996 17:22:25 -0400

From: "Paul Christenson [N3EOP]" <christen@codger.physics.duq.edu>

Organization: Duquesne University Amateur Radio Club

X-Mailer: Mozilla 3.0b4Gold (X11; I; Linux 1.2.13 i486)

Mime-Version: 1.0

To: aprssig@tapr.org

Subject: Re: [APRSSIG:3368] APRS s/w for Unix/X

References: <Pine.SOL.3.91.960726104726.5447D-100000@hutton>

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Rick Ebert wrote:

> I have heard that there is, or may be in development, a UNIX/X-Windows
> APRS program. I would appreciate any information on this, especially
> w.r.t. versions for Linux.

The last official word I heard was that there IS an X version being developed.
They hope to have a beta out in six months or so.

From christen@codger.physics.duq.edu Mon Jul 29 16:50:51 1996
Received: from infobahn.icubed.com (infobahn.icubed.com [199.234.114.2]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id QAA22270 for <aprssig@tapr.org>; Mon, 29
Jul 1996 16:50:48 -0500 (CDT)
Received: from wm22.icubed.com by infobahn.icubed.com;
(5.65/1.1.8.2/25Jun95-1044PM)
id AA13307; Mon, 29 Jul 1996 17:47:35 -0400
Sender: paul@infobahn.icubed.com
Message-Id: <31FD2D44.21C4B72@codger.physics.duq.edu>
Date: Mon, 29 Jul 1996 17:29:40 -0400
From: "Paul Christenson [N3EOP]" <christen@codger.physics.duq.edu>
Organization: Duquesne University Amateur Radio Club
X-Mailer: Mozilla 3.0b4Gold (X11; I; Linux 1.2.13 i486)
Mime-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3369] Made Trip; Alas, sans APRS
References: <Pine.LNX.3.93.960726133744.6478C-1000000@garc.gsfc.nasa.gov>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Randy Hammock wrote:

> However, when I stopped to fill-up at 100 miles into the trip, I
> discovered that I had just a wire stub where a Larson 2/70 on a mag mount
> had been. (That makes \$240 worth of antennas and mag mounts lost to paper
> bags, tree limbs and who knows what. I've lost three sets.) Oh, well.

That's odd for antennas to break like that. I've never lost an antenna, even
when a BIRD hit it. (But then, I use permanant mount antennas.)

If that's an ongoing problem for you, may I suggest that you get a Larsen
NMO-MM base (mag mount), and an NMO-Q quarter wave whip? I had one of those
things, and nothing would remove it. (Well, a kid with a pair of wire cutters
eventually did...)

From christen@codger.physics.duq.edu Mon Jul 29 16:50:59 1996
Received: from infobahn.icubed.com (infobahn.icubed.com [199.234.114.2]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id QAA22303 for <aprssig@tapr.org>; Mon, 29
Jul 1996 16:50:54 -0500 (CDT)
Received: from wm22.icubed.com by infobahn.icubed.com;
(5.65/1.1.8.2/25Jun95-1044PM)
id AA14668; Mon, 29 Jul 1996 17:47:42 -0400

Sender: paul@infobahn.icubed.com
Message-Id: <31FD302D.172A127D@codger.physics.duq.edu>
Date: Mon, 29 Jul 1996 17:42:05 -0400
From: "Paul Christenson [N3EOP]" <christen@codger.physics.duq.edu>
Organization: Duquesne University Amateur Radio Club
X-Mailer: Mozilla 3.0b4Gold (X11; I; Linux 1.2.13 i486)
Mime-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3396] GPS_20 TAPR Update
References: <199607290000.TAA23756@tapr.org>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Greg Jones wrote:

>
> As an update to the current Garmin GPS-20 group purchase,
> we are lacking about 20 orders to meet the requirements of the purchase.

I plan on getting one; however, I'm in the process of moving.
Remind me in a week or so.. hopefully I'll have the cash then.

From n2czf@magg.net Mon Jul 29 17:25:53 1996
Received: from grumpy.magg.net (root@grumpy.magg.net [205.218.112.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id RAA23943 for <aprssig@tapr.org>; Mon, 29 Jul 1996 17:25:52 -0500 (CDT)
Received: from Cybergate (wpb-124.magg.net [205.218.112.124]) by grumpy.magg.net (8.7.5/8.7.3) with SMTP id SAA06158 for <aprssig@tapr.org>; Mon, 29 Jul 1996 18:20:38 -0400
Date: Mon, 29 Jul 1996 18:20:38 -0400
Message-Id: <199607292220.SAA06158@grumpy.magg.net>
X-Sender: n2czf@magg.net
X-Mailer: Windows Eudora Version 1.4.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: n2czf@magg.net (Richard Garcia)
Subject: Re: [APRSSIG:3403] Re: Bertha: lessons learned (long)

Bob Wrote:

>3) What happens if you BUDLIST out WIDE? I think the filters in the
>TNC's only BUDLIST the FROM and TO calls, and you cant filter out the
>DIGI path?

>
>TEST THESE, They have been little used, and may not be perfewt...
>
>de wb4apr@amsat.org
>

Another comand that may come in handy is the GATE Filter. If you are bothered by the "DX" from a GATEWAY in the area or a GATE coming in during morning or evening skip from another area nearby turn on the GATE filter as we have done during the metor tests. This will keep the screen clear of all that traffic.

73's Rich N2CZF
n2czf@magg.net
<http://www.magg.net/~n2czf> (Personal)
<http://www.magg.net/~n2czf/aprs.html> (Florida APRS)
Jupiter Farms Florida EL96

From n2czf@magg.net Mon Jul 29 17:56:06 1996
Received: from grumpy.magg.net (root@grumpy.magg.net [205.218.112.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id RAA25444 for <aprssig@tapr.org>; Mon, 29 Jul 1996 17:56:04 -0500 (CDT)
Received: from Cybergate (wpb-124.magg.net [205.218.112.124]) by grumpy.magg.net (8.7.5/8.7.3) with SMTP id SAA07688 for <aprssig@tapr.org>; Mon, 29 Jul 1996 18:50:53 -0400
Date: Mon, 29 Jul 1996 18:50:53 -0400
Message-Id: <199607292250.SAA07688@grumpy.magg.net>
X-Sender: n2czf@magg.net
X-Mailer: Windows Eudora Version 1.4.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: n2czf@magg.net (Richard Garcia)
Subject: Re: [APRSSIG:3412] Re: Silly reply to INFO ABOUT MEETING and serious question

>Bob Bruninga wrote:
>>
>> On Sun, 28 Jul 1996, KD1YV wrote:
>>
>> > >Also, some kinda distictive thing to wear
>>
>> APRSdos REPLY COMMENT: But I think he will do sweatshirts too..., hi hi
>>
>> de wb4apr@amsat.org
>
>Just picture wearing a SWEATshirt in South Central Florida in Aug. or
>Sept...(:-}
>
>
>Bud(WB4LTF)
>
CAN WE SAY RIPE ?

73's Rich N2CZF
n2czf@magg.net
<http://www.magg.net/~n2czf> (Personal)
<http://www.magg.net/~n2czf/aprs.html> (Florida APRS)
Jupiter Farms Florida EL96

From n2czf@magg.net Mon Jul 29 18:03:16 1996
Received: from grumpy.magg.net (root@grumpy.magg.net [205.218.112.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id SAA25694 for <aprssig@tapr.org>; Mon, 29 Jul 1996 18:03:14 -0500 (CDT)
Received: from Cybergate (wpb-124.magg.net [205.218.112.124]) by grumpy.magg.net

(8.7.5/8.7.3) with SMTP id SAA07942 for <aprssig@tapr.org>; Mon, 29 Jul 1996 18:58:03 -0400
Date: Mon, 29 Jul 1996 18:58:03 -0400
Message-Id: <199607292258.SAA07942@grumpy.magg.net>
X-Sender: n2czf@magg.net
X-Mailer: Windows Eudora Version 1.4.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: n2czf@magg.net (Richard Garcia)
Subject: Re: [APRSSIG:3417] Re: Silly reply to INFO ABOUT MEETING and serious question

>
>On Mon, 29 Jul 1996, B.G. Gotshall wrote:
>
>> Bob Bruninga wrote:
>> >
>> > On Sun, 28 Jul 1996, KD1YV wrote:
>> >
>> > >Also, some kinda distictive thing to wear
>> >
>> > APRSdos REPLY COMMENT: But I think he will do sweatshirts too..., hi hi
>> >
>> > de wb4apr@amsat.org
>>
>> Just picture wearing a SWEATshirt in South Central Florida in Aug. or
>> Sept...(:-}
>>
>>
>> Bud(WB4LTF)
>
>Or in Hawaii any time of the year. <g>
>
>Dave Creek, NH6BA
>Ewa Beach, HI
>dcreek@pixi.com
>
Hey Dave how about you surfer dudes design a APRS bikini ? Maybe use the WX
ICON or something like that in your design. I will market it here in Palm Beach.

That's it, nuff from here on this subject!
73's Rich N2CZF
n2czf@magg.net
<http://www.magg.net/~n2czf> (Personal)
<http://www.magg.net/~n2czf/aprs.html> (Florida APRS)
Jupiter Farms Florida EL96

From n2czf@magg.net Mon Jul 29 18:10:57 1996
Received: from grumpy.magg.net (root@grumpy.magg.net [205.218.112.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id SAA26224 for <aprssig@tapr.org>; Mon, 29 Jul 1996 18:10:56 -0500 (CDT)
Received: from Cybergate (wpb-124.magg.net [205.218.112.124]) by grumpy.magg.net

(8.7.5/8.7.3) with SMTP id TAA08230 for <aprssig@tapr.org>; Mon, 29 Jul 1996 19:05:44 -0400
Date: Mon, 29 Jul 1996 19:05:44 -0400
Message-Id: <199607292305.TAA08230@grumpy.magg.net>
X-Sender: n2czf@magg.net
X-Mailer: Windows Eudora Version 1.4.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: n2czf@magg.net (Richard Garcia)
Subject: Re: [APRSSIG:3425] Info on Crystals

They were far from the best in their time but for the price of crystals I would say it is worth it.

As far as crystals any of the crystal companies can help you out, you MUST have the EXACT model number and just tell them TX 145.79 and RX 145.79. BTW MOXY is not the model number, this will be a long series of letters and numbers that actually tell you the frequency span (probably modified if already in ham use) power output, year made, and number of channels it is capable of.

International Crystal is the best company out there but expensive. Bomar Crystals in Middlesex NJ is another less expensive one and so is Frequency Managemant in CA. I have ordered crystals from all of them in the past and would probably go with Frequency Management or International. Whatever you do stay away from JAN Crystals!

>A well-sited amateur radio station operator has agreed to set up a
>RELAY-WIDE digi in our area, if I re-crystal his radio for him. Since I've
>been having trouble getting out of my not-so-well-sited QTH, I've agreed.

>
>His radio is a Motorola MOXY (he says). Does anyone know of:

>
>1. A source for transmit and receive crystals for this type of radio.

>
>2. Any special tech requirements for these crystals.

>
>Appreciate in advance any response.

>
>73 de Jay

>
>Jay Millard
>*Amateur Radio Station KD1LY*
>Darien, CT 06820

>
>
>

73's Rich N2CZF
n2czf@magg.net
<http://www.magg.net/~n2czf> (Personal)
<http://www.magg.net/~n2czf/aprs.html> (Florida APRS)

Jupiter Farms Florida EL96

From n2czf@magg.net Mon Jul 29 18:14:51 1996

Received: from grumpy.magg.net (root@grumpy.magg.net [205.218.112.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id SAA26360 for <aprssig@tapr.org>; Mon, 29 Jul 1996 18:14:50 -0500 (CDT)

Received: from Cybergate (wpb-124.magg.net [205.218.112.124]) by grumpy.magg.net (8.7.5/8.7.3) with SMTP id TAA08385 for <aprssig@tapr.org>; Mon, 29 Jul 1996 19:09:39 -0400

Date: Mon, 29 Jul 1996 19:09:39 -0400

Message-Id: <199607292309.TAA08385@grumpy.magg.net>

X-Sender: n2czf@magg.net

X-Mailer: Windows Eudora Version 1.4.3

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

To: aprssig@tapr.org

From: n2czf@magg.net (Richard Garcia)

Subject: Re: [APRSSIG:3430] Re: Info on Crystals

Remember Crystals must age properly if not you will have problems in the future. Fast is great but too fast is a bad sign. I have tried Jan in the past and all I have had is problems usually 3 or so years later if not as soon as they had arrived. Never had one crystal from them be 100%.

>

>Jan's Crystals in Florida. They have a 1 800 number but I don't! Sorry.
>You can find it listed in any ham mag. They got me crystals send out in
>two days after the order. All you need to tell them is the freq and radio
>type and they'll do the rest!

>

>--

>J. Scott Ratchford - KC5JGV - Marshall, Arkansas
>* North Arkansas Amateur Radio Society, Inc.
>* Marshall Volunteer Fire Dept./EMS First Responder
>* Calf Creek Lodge #426
>* E. Daniel Hardware "3 Fingers" Bourbon & Liars Club

>

>

73's Rich N2CZF

n2czf@magg.net

<http://www.magg.net/~n2czf> (Personal)

<http://www.magg.net/~n2czf/aprs.html> (Florida APRS)

Jupiter Farms Florida EL96

From melliott@ocslink.com Mon Jul 29 18:59:10 1996

Received: from ocslink.com (root@ocslink.com [206.158.123.190]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id SAA28763 for <aprssig@tapr.org>; Mon, 29 Jul 1996 18:59:07 -0500 (CDT)

From: melliott@ocslink.com

Received: from [206.158.123.155] (modem25.ocslink.com [206.158.123.155]) by ocslink.com (8.6.12/8.6.9) with SMTP id SAA32467 for <aprssig@tapr.org>; Mon, 29 Jul 1996 18:59:11 -0500

Date: Mon, 29 Jul 1996 18:59:11 -0500
Message-Id: <199607292359.SAA32467@ocslink.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Subject: DFjr Test Results
To: aprssig@tapr.org
X-Mailer: SPRY Mail Version: 04.10.06.22

Hello Joe

I know it has been a long time since you heard anything from me, and I know that you are probably still swamped with a long list of E-mails from everyone. Therefore, I will make this report very brief.

Mark/N9WST, and myself were finally able to get together and try our DFjrs out. The semi-controlled tests were under real conditions, and only on VHF (two meters). After calibrating my unit, I set out to "hide" from Mark. When he located my position, he would go "hide" for me.

With the unit in the statistical mode and left at the default sampling rate, my DFjr seemed to work exceptionally well. Mark hid in some pretty challenging locations, and yet, the DFjr led me right to him each and every time without fail.

Reflections? ... what reflections? I did not notice any real problem with reflections, but I know they were there. Occasionally, I could hear the distorted/tinny sound, and perhaps an off-beat LED indication every now and then, but one just needs to keep in motion. We also transmitted multiple DTMF tones in an attempt to throw the DFjr off course ... nothing doing.

I have noticed that you really need to keep a close eye on the display while it is in this mode. As the sampling rate does not update like I am used to, and before I knew it, I had already passed the transmitter location. (I am used to using a homebrew DoppleScAnt, which is always in the "raw" mode).

Mark and I still intend to do some testing, perhaps on 220 and 440 and above. I have a few ideas to try out, and the only good way to try to complete all of the various testing, is to just be able to get out and do it. I will keep you aware of our progress.

I do have one suggestion to improve the DFjr. That is to add an ON/OFF switch to the unit. This would really make the unit more user friendly.

73,
Mark/WB9NKP

From cheisler@cyberia.com Mon Jul 29 19:31:42 1996
Received: from cyberia.com (cyberia.com [205.160.224.234]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id TAA00416 for <aprssig@tapr.org>; Mon, 29 Jul 1996 19:31:34 -0500 (CDT)
Message-Id: <199607300031.TAA00416@tapr.org>
Received: from sl6.cyberia.com by cyberia.com

with SMTP (IPAD 1.1) id 2136000 ; Mon, 29 Jul 96 20:35:19 EST
X-Sender: cheisler@cyberia.com
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Mon, 29 Jul 1996 20:31:23 -0400
To: aprssig@tapr.org
From: "Charles E. Heisler" <cheisler@cyberia.com>
Subject: Old Zenith computer query
Cc: dsp2232@rmi.de

Hello...TNX for reading this. I am looking for info concerning
A old Zenith data systems mod. ZFL-171-42 (lugable style) computer.
My question is, does it use pin 8 of the RS-232 serial port
for the DCD line. I have a program that requires it, but will not work.
Any help would be appreciated.
-73- Charlie K3VDB

From kf4dys@juno.com Mon Jul 29 20:26:24 1996
Received: from x4.boston.juno.com (x4.boston.juno.com [205.231.101.22]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id UAA02507 for <aprssig@tapr.org>; Mon, 29
Jul 1996 20:26:22 -0500 (CDT)
Received: (from kf4dys@juno.com) by x4.boston.juno.com (queuemail)
id VAA08929; Mon, 29 Jul 1996 21:26:07 EDT
To: aprssig@tapr.org
Date: Mon, 29 Jul 1996 20:16:26 PST
Subject: Re: Bertha: lessons learned
Message-ID: <19960729.202124.4335.0.kf4dys@juno.com>
References: <Pine.GS0.3.94.960729160609.26028G-100000@arctic>
X-Mailer: Juno 1.00
X-Juno-Line-Breaks: 0,2-12
From: kf4dys@juno.com (Joe Foor)

On Mon, 29 Jul 1996 15:14:51 -0500 (CDT) Bob Bruninga
<bruninga@nadn.navy.mil> writes:
>APRSDOS REPLY COMMENT: The 1 key is actually the default map pointed
>to by the current MAPLIST.XX file. For the MAPLIST.USA, it is the
>USA. For MAPLIST.GA, it would be Georgia, etc...

Thanks, Bob. I've been using maplist.nfl, put out by ks4ny. That
info was enough, to enable me to figure out how to make it do it
my way.

regards,
Joe

From kf4dys@juno.com Mon Jul 29 20:26:42 1996
Received: from x4.boston.juno.com (x4.boston.juno.com [205.231.101.22]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id UAA02525 for <aprssig@tapr.org>; Mon, 29
Jul 1996 20:26:39 -0500 (CDT)
Received: (from kf4dys@juno.com) by x4.boston.juno.com (queuemail)
id VAB08929; Mon, 29 Jul 1996 21:26:07 EDT

To: aprssig@tapr.org
Date: Mon, 29 Jul 1996 20:21:16 PST
Subject: Re: Bertha: lessons learned (long)
Message-ID: <19960729.202124.4335.1.kf4dys@juno.com>
References: <31FCD5A2.28B7@concentric.net>
X-Mailer: Juno 1.00
X-Juno-Line-Breaks: 0,2-45
From: kf4dys@juno.com (Joe Foor)

On Mon, 29 Jul 1996 08:26:53 -0500 (CDT) William Nolle <wa8inz@cris.com> writes:

>

>Joe i respect what you and the group are trying to do, BUT you keep
>saying
>that other user information is not accurate "inland distant stations,
>that
>are unconcerned about the accuracy" I beg to differ with you and take
>offence to your remarks.

I am sorry, Bill, that you have taken this personally.

I deliberately refrained from publicly identifying any station that posted bad or obsolete data. Instead, I attempted to contact those operators, privately, and provided assistance with path recommendations, math conversions and urls for the Marine Forecast Advisories, to use instead of the Public Advisories. I wish someone had done the same for me, when I first started out, rather than just ignoring my mistakes and letting me find them out the hard way.

I believe that these same mistakes will continue to happen, as every storm will bring out new stations, trying out the techniques, so this will continue to be an ongoing problem.

The simple fact that I did mention your station, as a source for one solution, should reassure you that I was not attempting to infer that your data was erroneous. I do pick up your packets, intermittently, and your postings are always square on the track of my own storm. If the time comes that one of your postings is off to the side of my own track, I will disable my transmitter and take the time to check my own data, before doing anything else.

If your station came in 80% of the time instead of intermittently in the evenings and early mornings, I would not be doing this task in the first place. Instead, I would work to figure out a way to digi your packets into our local net, all the time.

regards,
Joe

From ku0g@sprynet.com Mon Jul 29 22:26:44 1996
Received: from m1.sprynet.com (m1.sprynet.com [165.121.1.97]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id WAA07116 for <aprssig@tapr.org>; Mon, 29 Jul 1996
22:26:42 -0500 (CDT)
From: ku0g@sprynet.com
Received: from [199.174.156.54] (dd14-054.compuserve.com [199.174.156.54]) by
m1.sprynet.com (8.6.12/8.6.12) with SMTP id UAA09629 for <aprssig@tapr.org>; Mon,
29 Jul 1996 20:24:16 -0700
Date: Mon, 29 Jul 1996 20:24:16 -0700
Message-Id: <199607300324.UAA09629@m1.sprynet.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Subject: Re: [APRSSIG:3424] APRS Internet server
To: aprssig@tapr.org
In-Reply-To: <199607291715.RAA154957@smtp-gw01.ny.us.ibm.net>
X-Mailer: SPRY Mail Version: 04.00.06.21

I took a look at the server last night (very late!). After the long load I was
impressed with the map and I saw monitored packets on the bottom of the screen
but no positions were shown on the map! I then tried switching to the SE US map
and got the map but no more data...

Tried to access late this afternoon and got a fatal error in Netscape Navigator.
I'm wondering if the newer version has a bug....

Nonetheless, I'm looking forward to playing with this more and we may even be
interested in doing the same thing here in Kansas City in the near future! I
have access to a full-time server at school and I could easily get space....
The location of my school (extreme NW MO, 20 miles S of Clarinda IA would make
the entire IA/MO/KS APRS Network accessible by Internet!!!

Best 73,
Jim Duncan, KU0G
APRS--Kansas City Coordinator
EMail: ku0g@sprynet.com

From ku0g@sprynet.com Mon Jul 29 22:37:05 1996
Received: from m1.sprynet.com (m1.sprynet.com [165.121.1.97]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id WAA07532 for <aprssig@tapr.org>; Mon, 29 Jul 1996
22:37:03 -0500 (CDT)
From: ku0g@sprynet.com
Received: from [199.174.156.54] (dd14-054.compuserve.com [199.174.156.54]) by
m1.sprynet.com (8.6.12/8.6.12) with SMTP id UAA11991 for <aprssig@tapr.org>; Mon,
29 Jul 1996 20:34:37 -0700
Date: Mon, 29 Jul 1996 20:34:37 -0700
Message-Id: <199607300334.UAA11991@m1.sprynet.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Subject: Re: [APRSSIG:3442] Re: Silly reply to INFO ABOUT MEETING and
serious
question

To: aprssig@tapr.org

In-Reply-To: <199607292258.SAA07942@grumpy.magg.net>

X-Mailer: SPRY Mail Version: 04.00.06.21

I'm wondering here....

What would the "female" version look like?!?!?!? I'm certainly eager!

Best 73,

Jim Duncan, KU0G

APRS--Kansas City Coordinator

EMail: ku0g@sprynet.com

From bruninga@nadm.navy.mil Mon Jul 29 23:35:28 1996

Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id XAA09905 for <aprssig@tapr.org>; Mon, 29
Jul 1996 23:35:27 -0500 (CDT)

Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil
(8.6.12/8.6.12) with SMTP id AAA08509 for <aprssig@tapr.org>; Tue, 30 Jul 1996
00:39:29 -0400

X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs

Date: Tue, 30 Jul 1996 00:39:29 -0400 (EDT)

From: Bob Bruninga <bruninga@nadm.navy.mil>

X-Sender: bruninga@arctic

To: aprssig@tapr.org

Subject: Hurricane track

Message-ID: <Pine.GS0.3.94.960730003652.8487A-100000@arctic>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

I just posted BERTHA.ZIP which contains two files:

BERTHA.HST which is mostly just BERTHA

BERTHAWX.HST which is Bertha plus all other WX stations on air at the
time...

de wb4apr@amsat.org

From ko6xs@ko6xs.ampr.org Tue Jul 30 10:51:46 1996

Received: from ko6xs.ampr.org (ko6xs.ampr.org [44.16.1.241]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id KAA05006 for <aprssig@tapr.org>; Tue, 30 Jul 1996
10:50:26 -0500 (CDT)

From: ko6xs@ko6xs.ampr.org

Date: Tue, 30 Jul 96 07:57:00 PDT

Message-Id: <3772@ko6xs.ampr.org>

To: aprssig@tapr.org

Subject: *?

I've been hearing DX stations in the morning. I usually hear them through a
local WIDE as denoted by the * next to it in the station's string. But, how

Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: "JOHN M. GRATTON" <acmekc@sky.net>
Subject: Re: [APRSSIG:3425] Info on Crystals

At 12:33 PM 7/29/96 -0500, you wrote:

>A well-sited amateur radio station operator has agreed to set up a
>RELAY-WIDE digi in our area, if I re-crystal his radio for him. Since I've
>been having trouble getting out of my not-so-well-sited QTH, I've agreed.

>

>His radio is a Motorola MOXY (he says). Does anyone know of:

>

>1. A source for transmit and receive crystals for this type of radio.

>

>2. Any special tech requirements for these crystals.

>

>Appreciate in advance any response.

>

>73 de Jay

TRY INTERNATIONAL CRYSTAL IN OKLAHOMA CITY (I THINK)..

73

JOHN..

From CHEAD@exame2.dseg.ti.com Tue Jul 30 14:50:46 1996
Received: from gate.ti.com (news.ti.com [192.94.94.33]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id OAA14252 for <aprssig@tapr.org>; Tue, 30 Jul 1996
14:50:42 -0500 (CDT)
Received: from lesol1.dseg.ti.com ([157.170.147.17]) by gate.ti.com (8.6.13) with
ESMTP id OAA23877 for <aprssig@tapr.org>; Tue, 30 Jul 1996 14:50:09 -0500
Received: from exame2.dseg.ti.com (EXAME2.dseg.ti.com [128.247.183.127]) by
lesol1.dseg.ti.com (8.6.9/8.6.6) with SMTP id OAA19952 for <aprssig@tapr.org>;
Tue, 30 Jul 1996 14:44:38 -0500
Date: Tue, 30 Jul 1996 14:44:45 -0500 (CDT)
From: Claude 995-5040 pager 4541 <CHEAD@exame2.dseg.ti.com>
To: aprssig@tapr.org
CC: CHEAD@exame2.dseg.ti.com
Message-Id: <960730144445.20405ae7@exame2.dseg.ti.com>
Subject: Interesting Press Release

Shades of APRS!!!

Does this sound familiar, or what!?

73 Claude

K5DTN

=====
Date: Tue, 30 Jul 1996 12:58:59 -0400
From: NASANews@luna.osf.hq.nasa.gov (NASA HQ Public Affairs Office)
Message-Id: <9607301658.AA14784@luna.osf.hq.nasa.gov>
To: press-release@venus.hq.nasa.gov
Subject: Agencies Team Up to Improve Aerial Firefighting
Sender: owner-press-release@venus.hq.nasa.gov

Don Nolan-Proxmire
Headquarters, Washington, DC
(Phone: 202/358-1983)

July 30, 1996

Mike Mewhinney
Ames Research Center, Mountain View, CA
(Phone: 415/604-3937)

Hugh Carson
Bureau of Land Management, Reno, NV
(Phone: 702/785-6526)

Lanny Allmaras
USDA Forest Service, Boise, ID
(Phone: 208/387-5634)

RELEASE: 96-151

AGENCIES TEAM UP TO IMPROVE AERIAL FIREFIGHTING

In an effort to improve aerial firefighting safety and efficiency, NASA, the Bureau of Land Management, the USDA Forest Service and the Nevada Division of Forestry are cooperating to examine and evaluate aerial firefighting communications and the airspace structures over wildland fires.

The agencies also are evaluating an electronic Advanced Navigation Display System (ANDS), developed by NASA's Ames Research Center, Mountain View, CA, to aid aerial firefighters in their communications and operations.

"This project potentially will help aerial commanders direct their assault on a wildland fire by simplifying, standardizing and reducing their verbal communications," said Ames' Vernol Battiste, the project's principal investigator and a former air traffic controller. "Loss of situational awareness by pilots in high workload situations often has disastrous consequences," he said.

"Our research will assist firefighting agencies nationwide in identifying solutions that should reduce the cost of extinguishing fires and improve safety during aerial firefighting operations," added Battiste.

During the project's first phase, scheduled to begin in early August, in-cockpit, air-to-air, and air-to-ground communications will be recorded and pilot workload information will be collected.

"This will be accomplished through use of mini-cameras installed in the cockpits of the aircraft, as well as through a post-flight questionnaire to be completed by

the pilot and crew," said Hugh Carson, the Bureau of Land Management's Nevada aviation manager and project leader.

Five firefighting aircraft based near Reno, NV, will be used during the data-gathering phase of the project. Participating aircraft include an OV-10 lead plane, a Commander 500 air attack aircraft, two P2V airtankers contracted from Neptune, Inc., Missoula, MT, and a Bell 204 helicopter from Idaho Helicopters. Along with audio-video recording capability, the prototype ANDS electronic display system also will be installed in each aircraft.

The ANDS system shows the position of other firefighting aircraft, establishes an airspace structure graphically on the computer screen, identifies areas needing retardant or water drops and transmits those images to other aircraft.

NASA researchers also will be testing integration of Forward-Looking Infrared technology with the navigation display. Participating companies that have loaned equipment to the project include Baker Electronics of Sarasota, FL, Landmark Technologies of San Jose, CA, Inframetrics of North Billerica, MA, and Dynametrics, Inc., of Las Vegas.

The ANDS system uses Pentium-class computers, graphics displays utilizing CD-ROM moving maps, radio modems, and Global Positioning System signals to show each aircraft's position and provide two-way data communications between aircraft.

Carson said the display's success will be highly dependent upon whether it can assist the pilot or air tactical supervisor in his or her tasks. "It must be a human-aiding tool," Carson said. "This aspect of the project will be totally driven by user feedback. It has the potential to significantly reduce the need for verbal communications. However, if the pilots and air tactical supervisors don't like it or use it, it's not going to end up in our airplanes."

Battiste said the human-machine interface of the ANDS system, and the challenges it presents in a high workload situation such as aerial firefighting, is a critical part of this study.

According to Lanny Allmaras, national aerial attack systems specialist for the Forest Service at the National Interagency Fire Center, Boise, ID, the basic objective during this first phase of the project is to gather information about what actually goes on in and outside the cockpit of an aircraft during aerial firefighting operations.

"Communications issues are frequently brought up at many post-fire reviews, as well as at aerial firefighter meetings," Allmaras said. "Whether or not the hardware technology can assist us in doing a better job remains to be seen, but we welcome an outside look by NASA, a proven world leader in aeronautics, communications and human factors research."

Under an interagency agreement signed last fall, the Bureau of Land Management and Forest Service are responsible for providing NASA with sufficient data to accomplish its research. Tests and data collection during actual firefighting missions are expected to continue into the 1997 fire season.

NASA will then make recommendations back to the fire agencies concerning communications, airspace structure, training and the display system. The fire agencies will examine these recommendations, consider available funding, and decide on implementing the proposal.

NOTE TO EDITORS: To arrange on-site interviews with the aerial firefighters, contact Cheryl Davis, Sierra Front Coordinator, Reno, NV, at 702/883-5995; or 702/721-3377.

-end-

NASA press releases and other information are available automatically by sending an Internet electronic mail message to domo@hq.nasa.gov. In the body of the message (not the subject line) users should type the words "subscribe press-release" (no quotes). The system will reply with a confirmation via E-mail of each subscription. A second automatic message will include additional information on the service. NASA releases also are available via CompuServe using the command GO NASA.

From sdimse@bridge.net Tue Jul 30 15:49:44 1996
Received: from relay6.UU.NET (relay6.UU.NET [192.48.96.16]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id PAA17084 for <aprssig@tapr.org>; Tue, 30 Jul 1996 15:49:43 -0500 (CDT)
Received: from bridge.net by relay6.UU.NET with ESMTP (peer crosschecked as: newworld.bridge.net [204.253.4.4]) id QQbaql13386; Tue, 30 Jul 1996 16:49:41 -0400 (EDT)
Received: from (ppp-mia1-65.bridge.net [204.253.4.65]) by bridge.net (8.7.5/8.7.3) with SMTP id QAA10919 for <aprssig@tapr.org>; Tue, 30 Jul 1996 16:46:47 -0400 (EDT)
Message-Id: <199607302046.QAA10919@bridge.net>
Subject: Re: [APRSSIG:3449] Re: APRS Internet server
Date: Tue, 30 Jul 96 16:49:41 -0400
x-sender: sdimse@mail.bridge.net
x-mailer: Claris EMailer 1.1
From: Steve Dimse <sdimse@bridge.net>
To: <aprssig@tapr.org>

Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

>I took a look at the server last night (very late!). After the long load
>I was
>impressed with the map and I saw monitored packets on the bottom of the
>screen
>but no positions were shown on the map! I then tried switching to the SE
>US map
>and got the map but no more data...

>
>Tried to access late this afternoon and got a fatal error in Netscape
>Navigator.

> I'm wondering if the newer version has a bug....

>
Probably...two steps forward, one back. It seems to be OK now, been
trying a new version out, and just went online with it. Give it another
try.

>Nonetheless, I'm looking forward to playing with this more and we may even
>be
>interested in doing the same thing here in Kansas City in the near future!
> I
>have access to a full-time server at school and I could easily get space....
>The location of my school (extreme NW MO, 20 miles S of Clarinda IA would
>make
>the entire IA/MO/KS APRS Network accessible by Internet!!!

>
Cool. Stay tuned for what you'll need to do to go online!

Steve

From michael@calweb.com Tue Jul 30 19:14:05 1996
Received: from mail.calweb.com (mail.calweb.com [165.90.138.20]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id TAA23709 for <aprssig@tapr.org>; Tue, 30 Jul 1996
19:14:00 -0500 (CDT)

Received: from sac1-2.calweb.com (sac1-2.calweb.com account=michael
[165.90.187.2]) by mail.calweb.com (8.7.5/8.7.3) with SMTP id RAA26135 for
<aprssig@tapr.org>; Tue, 30 Jul 1996 17:08:03 -0700 (PDT)

Message-ID: <31FEA51F.F49@calweb.com>

Date: Tue, 30 Jul 1996 17:13:19 -0700

From: Mike Stickney <michael@calweb.com>

Organization: SacPackNet

X-Mailer: Mozilla 2.01 (Win95; I; 16bit)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: Re: [APRSSIG:3434] Re: Info on Crystals

References: <2.2.32.19960729200956.006e5c5c@mindspring.com>

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

rwf wrote:

>

> Beware of Jan Crystals for a digi or repeater... especially their 2 day
> non-aged ones.
> Stick with a manufacturer like International, not an el-cheapo!

Out of the 20 or so RF xtals we've ordered from Jan, 10 of them have had
to be returned. I've never returned a xtal to ICM.

--

Mike Stickney Mail: mailto:michael@calweb.com
KM6PX Home: <http://www.calweb.com/~michael>
 Packet: km6px.#nocal.ca.usa.noam
 IP: 44.2.0.132

From wendysue@global2000.net Tue Jul 30 20:10:10 1996
Received: from mail.global2000.net (root@mail.global2000.net [198.69.121.4]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id UAA25793 for <aprssig@tapr.org>; Tue, 30
Jul 1996 20:10:09 -0500 (CDT)
Received: from test.global2000.net (dialup-38.global2000.net [205.247.145.138]) by
mail.global2000.net (8.6.12/8.6.9) with SMTP id VAA16999 for <aprssig@tapr.org>;
Tue, 30 Jul 1996 21:10:05 -0400
Message-ID: <31FEB279.24CE@global2000.net>
Date: Tue, 30 Jul 1996 21:10:17 -0400
From: John M Dombrowski <wendysue@global2000.net>
Organization: Mobile Office Services
X-Mailer: Mozilla 2.0 (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: xtals
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi

A simple statement:

Bar none International xtal is THE best!

John << N20JY >>

BTW- their # is 1-800-426-9825

From dkaplan@pionet.net Tue Jul 30 21:02:32 1996
Received: from ELWOOD.pionet.net (ELWOOD.pionet.net [199.120.116.1]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id VAA27992 for <aprssig@tapr.org>; Tue, 30 Jul 1996
21:02:30 -0500 (CDT)
Received: from pm3_182.pionet.net by ELWOOD.pionet.net;
(5.65v3.0/1.1.8.2/03Oct95-1046AM)
id AA29714; Tue, 30 Jul 1996 21:08:45 -0500
Date: Tue, 30 Jul 1996 21:08:45 -0500
Message-Id: <9607310208.AA29714@ELWOOD.pionet.net>
X-Sender: dkaplan@elwood.pionet.net
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

To: aprssig@tapr.org
From: Dave Kaplan <dkaplan@pionet.net>
Subject: Re: [APRSSIG:3453] WB00NX-7 Flight Update....

At 12:55 PM 7/30/96 -0500, you wrote:

>Checked when I got up this morning and no sign of ONX-7 either on P or L
>listing. Wonder if the flight got cancelled at the last minute or if the
setup
>failed. Will be watching again this evening at expected departure time...
>

>Best 73,
>Jim Duncan, KU0G
>APRS--Kansas City Coordinator
>EMail: ku0g@sprynet.com
>
>
>

Hi guys. What happens when you leave the switch in the 12V position then
hook up to a 24V aircraft?

SMOKE!

Sorry. The KPC-3 is rated for 28V but the Motorola Encore and Allinco
DR1200 are not. Have to tear into them and see how much damage my STUPID
ATTACK did.

Dave
Mojave N9232Y
WB00NX-7

P.S. If all goes well I'll be traveling to Oklahoma City and back as well
as St. Joe, MO next week. I'll keep you advised.

P.P.S. Even though there is NO APRS activity in the Sioux City area other
than me, once I climbed through 6,000 ft (5,000 above the ground) the
frequency was constantly busy. One day, when someone else is flying, I'll
hook a computer up and see what I can hear!

From K2ADJ@prodigy.com Tue Jul 30 21:24:00 1996
Received: from pimaia2w.prodigy.com (pimaia2w.prodigy.com [198.83.19.71]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id VAA28995 for <aprssig@tapr.org>; Tue, 30
Jul 1996 21:23:56 -0500 (CDT)
Received: from mime3.prodigy.com (mime3.prodigy.com [192.168.253.27]) by
pimaia2w.prodigy.com (8.6.10/8.6.9) with ESMTP id VAB13596 for <aprssig@tapr.org>;
Tue, 30 Jul 1996 21:17:41 -0400
Received: (from root@localhost) by mime3.prodigy.com (8.6.10/8.6.9) id VAA19084
for aprssig@tapr.org; Tue, 30 Jul 1996 21:13:04 -0400
Message-Id: <199607310113.VAA19084@mime3.prodigy.com>
X-Mailer: Prodigy Internet GW(v0.9beta) - ae01dm02sc02
From: K2ADJ@prodigy.com (MR RODNEY G FOWLER)
Date: Tue, 30 Jul 1996 21:13:04, -0500
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3418] APRS Perseids Meteor

I just read Stan's epistle on how to work the Meteor Shower and that you should run at least 100 watts and use a whoppum beam and I have a question as to the validity of a signal being received.

I am the sysop of a BBS and look at nodes tables as they fly by on the screen and many times during the evening I will see NODES showing up in the tables that are hundreds of miles away, the ONLY way that could have happened is if the broadcast from the original node was reflected off of an aircraft flying up in the Wild Blue Yonder.

So, with aircraft flying up around 40,000 feet, how can you tell by watching your screen that it was a meteor reflection and not from a passing aircraft? Running 100 watts plus with a high gain beam, I am quite sure you will be bouncing your signal off of many aircraft!

73 de Rod

From ku0g@sprynet.com Tue Jul 30 21:31:59 1996
Received: from m1.sprynet.com (m1.sprynet.com [165.121.1.97]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id VAA29302 for <aprssig@tapr.org>; Tue, 30 Jul 1996 21:31:57 -0500 (CDT)
From: ku0g@sprynet.com
Received: from [199.174.136.22] (ad09-022.compuserve.com [199.174.136.22]) by m1.sprynet.com (8.6.12/8.6.12) with SMTP id TAA17131 for <aprssig@tapr.org>; Tue, 30 Jul 1996 19:29:31 -0700
Date: Tue, 30 Jul 1996 19:29:31 -0700
Message-Id: <199607310229.TAA17131@m1.sprynet.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Subject: Re: [APRSSIG:3456] Re: APRS Internet server
To: aprssig@tapr.org
In-Reply-To: <199607302046.QAA10919@bridge.net>
X-Mailer: SPRY Mail Version: 04.00.06.21

I logged on the Internet APRS site again today and watched with GREAT ENTHUSIASM as stations began popping up on the map! What a NEAT applet!!! MORE MORE!!!!

Best 73,
Jim Duncan, KU0G
APRS--Kansas City Coordinator
EMail: ku0g@sprynet.com

From jerdptro@xnet.com Tue Jul 30 21:49:16 1996
Received: from flood.xnet.com (flood.xnet.com [198.147.221.35]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id VAA00293 for <aprssig@tapr.org>; Tue, 30 Jul 1996 21:49:12 -0500 (CDT)
Received: from n9vhw.xnet.com by flood.xnet.com (8.7.5/XNet-1.4R) with SMTP id VAA21501 for <aprssig@tapr.org>; Tue, 30 Jul 1996 21:48:37 -0500 (CDT)
Message-Id: <199607310248.VAA21501@flood.xnet.com>
Comments: Authenticated sender is <jerdptro@quake.xnet.com>
From: "Jerry" <jerdptro@xnet.com>

To: aprssig@tapr.org
Date: Tue, 30 Jul 1996 21:49:09 +0000
Subject: Re: 30 Meter Gate
Reply-to: jerdptro@xnet.com
X-Confirm-Reading-To: jerdptro@xnet.com
X-pmrqc: 1
Priority: normal
X-mailer: Pegasus Mail for Win32 (v2.41)

Greetings:

I have just finished installing a Force 12 antenna system on at 70 foot tower. I installed a linear loaded dipole at 75 feet for 30 meter gate operation. The dipole will be firing in a NE and SW direction. I would appreciate signal reports. The old antenna was an inverted vee at 30 feet.

Also, I have 2 meter antenna at 78 feet and I am on a very high piece of real estate about 13NM NW of O'Hare Field. I have been getting a lot of 2 meter spots from Michigan.

I am soliciting signal reports.

Thanks for your attention

Jerry Di Pietro

N9VHW

Streamwood, IL

jerdpdro@xnet.com

From N5RKN@aol.com Tue Jul 30 21:54:21 1996
Received: from emout10.mail.aol.com (emout10.mx.aol.com [198.81.11.25]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id VAA00422 for <aprssig@tapr.org>; Tue, 30 Jul 1996 21:54:18 -0500 (CDT)
From: N5RKN@aol.com
Received: by emout10.mail.aol.com (8.6.12/8.6.12) id WAA09339 for aprssig@tapr.org; Tue, 30 Jul 1996 22:55:14 -0400
Date: Tue, 30 Jul 1996 22:55:14 -0400
Message-ID: <960730225512_588780639@emout10.mail.aol.com>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3457] Re: Info on Crystals

I will NEVER order anything from BOMAR crystal anytime soon. About 4 years ago, I ordered a set for 145.130... only to receive 155.130. They even repeated my order twice verbally to me during the order. Their response to receiving the wrong crystals: They don't accept returns... and according to their notes, I had ordered 155.130. What a rip!
N5RKN

From bruninga@nadn.navy.mil Tue Jul 30 22:45:12 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id WAA02817 for <aprssig@tapr.org>; Tue, 30 Jul 1996 22:45:10 -0500 (CDT)

Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil
(8.6.12/8.6.12) with SMTP id XAA15585 for <aprssig@tapr.org>; Tue, 30 Jul 1996
23:50:05 -0400
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Tue, 30 Jul 1996 23:50:04 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3459] Re: WB00NX-7 Flight Update....
In-Reply-To: <9607310208.AA29714@ELWOOD.pionet.net>
Message-ID: <Pine.GSO.3.94.960730233524.15450A-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 30 Jul 1996, Dave Kaplan wrote:

> P.P.S. Even though there is NO APRS activity in the Sioux City area other
> than me, once I climbed through 6,000 ft (5,000 above the ground) the
> frequency was constantly busy.

APRSDOS REPLY COMMENT: This is an important point for Balloons and
Aircraft. Your receiver will hear so much activity on 145.79 that it
might not EVER hear the channel go clear, and therefore may not ever
transmit! If your flight is important, you might consider setting the TNC
to full duplex so that it will transmit without regard to channel busy...

I say this with anxiety, because this is a feature not to be abused! hi hi

This is how SAREX operates. Otherwise, we would never hear anything...
I just calculated that as soon as the flight is line-of-sight to about 60
stations, averaging 4 digi hops each, then you will hear 100% channel
saturation, and the flight will never hear a quiet period! Here in
Annapolis, on the ground, I routinely see the full 80 capacity of APRS all
the time!

de wb4apr@amsat.org

From amartin@world2u.com Wed Jul 31 00:13:33 1996
Received: from ants3.world2u.com (root@ants3.world2u.com [204.141.123.3]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id AAA09403 for <aprssig@tapr.org>; Wed, 31
Jul 1996 00:13:28 -0500 (CDT)
Received: from LOCALNAME (I123.219.world2u.com [204.141.123.219]) by
ants3.world2u.com (8.7.4/8.7.3) with SMTP id BAA15387 for <aprssig@tapr.org>; Wed,
31 Jul 1996 01:05:09 -0400 (EDT)
Date: Wed, 31 Jul 1996 01:05:09 -0400 (EDT)
Message-Id: <199607310505.BAA15387@ants3.world2u.com>
X-Sender: amartin@mail.world2u.com
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: "Arthur J. Martin" <amartin@world2u.com>
Subject: Re: [APRSSIG:3432] Re: APRS Perseids Meteor Scatter Test

At 02:55 PM 7/29/96 -0500, you wrote:

>I am having big probs at work, I will be out of town for the Meteor
>scatter test and wont have time to test the curent versions of APRS
>to be sure that Meteor mode still works. WOUld someone test it and
>confirm that I didnt break it with all the recent SAREX changes...

>

>de wb4apr@amsat.org

Hi, Bob...

Using APRS 7.5F.

Did the Alt-S, Format, for beam direction I put 000, power 025 and selected the defaults for the rest.

At the first transmit, got error msg in 2nd line of upper left corner of map. (map had the blue grid squares like SPACE mode)

Any other specific I should test for? OH... set the Unproto to NONE

73 de Art (The Old Timer) <grin>

>

>

>

=====
From: Arthur J. Martin
TEL: +908+876+3189
Inet: amartin@world2u.com
AX.25: N2QAE@N2QAE.#NNJ.NJ.USA.NA
=====

From z008876b@bcfreenet.seflin.lib.fl.us Wed Jul 31 00:22:01 1996
Received: from bcfreenet.seflin.lib.fl.us (root@bcfreenet.seflin.lib.fl.us [199.227.192.20]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id AAA11991 for <aprssig@tapr.org>; Wed, 31 Jul 1996 00:21:58 -0500 (CDT)
Received: (from z008876b@localhost) by bcfreenet.seflin.lib.fl.us (8.6.12/8.6.12) id BAA20307; Wed, 31 Jul 1996 01:04:20 -0400
Date: Wed, 31 Jul 1996 01:04:19 -0400 (EDT)
From: Todd Erickson <z008876b@bcfreenet.seflin.lib.fl.us>
Subject: Re: [APRSSIG:3463] Re: Info on Crystals
To: aprssig@tapr.org
cc: aprssig@tapr.org
In-Reply-To: <960730225512_588780639@emout10.mail.aol.com>
Message-ID: <Pine.3.89.9607310143.A19690-01000000@bcfreenet.seflin.lib.fl.us>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 30 Jul 1996 N5RKN@aol.com wrote:

> I will NEVER order anything from BOMAR crystal anytime soon. About 4 years
> ago, I ordered a set for 145.130... only to receive 155.130. They even
> SNIP <

Hey, word of mouth says a lot! I will be sure never to order from BOMAR
or JAN, due to the bad rap they are receiving here. So what seems to be
the best, International?

From amartin@world2u.com Wed Jul 31 00:29:56 1996
Received: from ants3.world2u.com (root@ants3.world2u.com [204.141.123.3]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id AAA12081 for <aprssig@tapr.org>; Wed, 31
Jul 1996 00:29:54 -0500 (CDT)
Received: from LOCALNAME (I123.195.world2u.com [204.141.123.195]) by
ants3.world2u.com (8.7.4/8.7.3) with SMTP id BAA15585 for <aprssig@tapr.org>; Wed,
31 Jul 1996 01:21:33 -0400 (EDT)
Date: Wed, 31 Jul 1996 01:21:33 -0400 (EDT)
Message-Id: <199607310521.BAA15585@ants3.world2u.com>
X-Sender: amartin@mail.world2u.com
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: "Arthur J. Martin" <amartin@world2u.com>
Subject: Re: [APRSSIG:3432] Re: APRS Perseids Meteor Scatter Test

At 02:55 PM 7/29/96 -0500, you wrote:

>I am having big probs at work, I will be out of town for the Meteor
>scatter test and wont have time to test the current versions of APRS
>to be sure that Meteor mode still works. WOULD someone test it and
>confirm that I didnt break it with all the recent SAREX changes...
>
>de wb4apr@amsat.org

Bob... I apologize... trying to be multi-modal and failing (rapidly)...

The error msg said to CHECK YOUR APRS SUBDIRECTORIES

The Grid square identifier displays as for the space mode. Until I
regenerate the screen, that is. Then it is gone and the grid squares are too.

When it does a meteor transmit, in view mode I see:

cmd:cmd:

And nothing in the View mode when I kick off any other type (ALL)

Hope this helps a bit. I never tried this before so I really don't feel that
I know what it is I think I see on the screen. The TNC seems to kick off
when APRS beeps.

Give me something specific to try, perhaps. That may be more fruitful.

73 de The Old Timer

>
>
>

=====
From: Arthur J. Martin
TEL: +908+876+3189
Inet: amartin@world2u.com
AX.25: N2QAE@N2QAE.#NNJ.NJ.USA.NA
=====

From b.gotshall@worldnet.att.net Wed Jul 31 06:16:04 1996
Received: from mtigwc01.worldnet.att.net (mailhost.worldnet.att.net
[204.127.129.3]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id GAA21882 for
<aprssig@tapr.org>; Wed, 31 Jul 1996 06:16:02 -0500 (CDT)
Received: from LOCALNAME ([199.70.196.138]) by mtigwc01.worldnet.att.net
(post.office MTA v2.0 0613) with SMTP id AAA43
for <aprssig@tapr.org>; Wed, 31 Jul 1996 11:15:29 +0000
Message-ID: <31FF6A9D.4B29@worldnet.att.net>
Date: Wed, 31 Jul 1996 07:15:57 -0700
From: "B.G. Gotshall" <b.gotshall@worldnet.att.net>
X-Mailer: Mozilla 2.01E (Win16; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3465] Re: APRS Perseids Meteor Scatter Test
References: <199607310505.BAA15387@ants3.world2u.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

WOuld someone test it and

> >confirm that I didnt break it with all the recent SAREX changes...
> >
> >de wb4apr@amsat.org
>
> Hi, Bob...
>
> Using APRS 7.5F.
>
> Did the Alt-S, Format, for beam direction I put 000, power 025 and selected
> the defaults for the rest.
>
> At the first transmit, got error msg in 2nd line of upper left corner of
> map. (map had the blue grid squares like SPACE mode)
>
> Any other specific I should test for? OH... set the Unproto to NONE
> I also checked 7.6f using much the same setup. Everything seemed to work
as advertised. No error messages.

Bud (WB4LTF)

From CPC@NPD.UFPE.BR Wed Jul 31 07:21:03 1996
Received: from npd1.npd.ufpe.br (npd1.npd.ufpe.br [150.161.200.6]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id HAA24009 for <aprssig@tapr.org>; Wed, 31 Jul 1996 07:20:59 -0500 (CDT)
Received: from NPD.UFPE.BR by NPD.UFPE.BR (PMDF V5.0-5 #15862) id <01I7PUHS7NM88WWAKM@NPD.UFPE.BR> for aprssig@tapr.org; Wed, 31 Jul 1996 09:23:38 -0300
Date: Wed, 31 Jul 1996 09:23:38 -0300
From: Carlos Peres da Costa <CPC@NPD.UFPE.BR>
Subject: Re: [APRSSIG:3453] WB00NX-7 Flight Update....
To: aprssig@tapr.org
Message-id: <01I7PUHSF0Z68WWAKM@NPD.UFPE.BR>
X-VMS-To: IN%"aprssig@tapr.org"
MIME-version: 1.0
Content-type: TEXT/PLAIN; CHARSET=US-ASCII
Content-transfer-encoding: 7BIT

Dear Om

Could you please cancel my name from the tapr.org mail list. I do not succeed to sign off the list by the suggested procedure.

Thanks Peres CPC@NPD.UFPE.BR

From CPC@NPD.UFPE.BR Wed Jul 31 08:16:02 1996
Received: from npd1.npd.ufpe.br (npd1.npd.ufpe.br [150.161.200.6]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id IAA25975 for <aprssig@tapr.org>; Wed, 31 Jul 1996 08:15:55 -0500 (CDT)
Received: from NPD.UFPE.BR by NPD.UFPE.BR (PMDF V5.0-5 #15862) id <01I7PWI1T61S8WWAKM@NPD.UFPE.BR> for aprssig@tapr.org; Wed, 31 Jul 1996 10:19:07 -0300
Date: Wed, 31 Jul 1996 10:19:07 -0300
From: Carlos Peres da Costa <CPC@NPD.UFPE.BR>
Subject: Re: [APRSSIG:3466] Re: Info on Crystals
To: aprssig@tapr.org
Message-id: <01I7PWI204TU8WWAKM@NPD.UFPE.BR>
X-VMS-To: IN%"aprssig@tapr.org"
MIME-version: 1.0
Content-type: TEXT/PLAIN; CHARSET=US-ASCII
Content-transfer-encoding: 7BIT

Please cancel my E mail addd from the subscriber list
Thanks CPC@NPD.UFPE.Br

From bruninga@nadn.navy.mil Wed Jul 31 08:20:02 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id IAA26290 for <aprssig@tapr.org>; Wed, 31 Jul 1996 08:19:58 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil (8.6.12/8.6.12) with SMTP id JAA17799 for <aprssig@tapr.org>; Wed, 31 Jul 1996 09:24:52 -0400
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Wed, 31 Jul 1996 09:24:52 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>

X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: New Virginia Digi!
Message-ID: <Pine.GS0.3.94.960731091959.17279A-1000000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I just saw a new digi last night in western Virginia. It is KB4CNI-3 which has been moved to 4400 feet on Elliott Knob. It has been on the air before, but its height above average terrain has gone up from 80 to over 2500 feet.. Currently the next digi north, WA4TFZ, is off the air due to local interference to/with its colocated voice repeater... So I was lucky to see it. If you do a MAP-PLOTS-POWER you will notice that it favors to the north.

de wb4apr@amsat.org

From bruninga@nadn.navy.mil Wed Jul 31 08:39:22 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id IAA26883 for <aprssig@tapr.org>; Wed, 31 Jul 1996 08:39:20 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil (8.6.12/8.6.12) with SMTP id JAA20442 for <aprssig@tapr.org>; Wed, 31 Jul 1996 09:44:07 -0400
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Wed, 31 Jul 1996 09:44:07 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: APRS in CAVES
Message-ID: <Pine.GS0.3.94.960731094151.17279C-1000000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

In response to my note about using APRS in CAVES, we have three of us chatting off line about doing some tests. One other person responded, but I lost his address. If you are a caver and have something to contribute, lemme know, and I will add your address for copies...

de wb4apr@amsat.org

From dwetzel@uswest.com Wed Jul 31 09:32:20 1996
Received: from uswgco3.uswc.uswest.com (uswgco3.uswest.com [206.196.133.82]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTMP id JAA29039 for <aprssig@tapr.org>; Wed, 31 Jul 1996 09:32:18 -0500 (CDT)
Received: from egate.mnet.uswest.com (egate.mnet.uswest.com [151.116.23.138]) by uswgco3.uswc.uswest.com (8.7.5/8.7.3) with ESMTMP id IAA03383 for <aprssig@tapr.org>; Wed, 31 Jul 1996 08:32:03 -0600 (MDT)
Received: from easthub (easthub.mnet.uswest.com [151.117.26.86]) by egate.mnet.uswest.com (8.7.1/8.7.1) with SMTP id IAA27078 for <aprssig@tapr.org>; Wed, 31 Jul 1996 08:32:02 -0600 (MDT)
Received: by easthub.mnet.uswest.com (M-Net Hub.951228)
Received: by acs.uswest.com (5.x/SMI-SVR4)

id AA15258; Wed, 31 Jul 1996 09:32:01 -0500
From: dwetzel@uswest.com (Douglas Wetzel)
Received: from acmspgw1 by acs.uswest.com (5.x/SMI-SVR4)
id AB15234; Wed, 31 Jul 1996 09:31:54 -0500
Received: from ccMail by acmspgw1.mnet.uswest.com
(IMA Internet Exchange 2.02 Enterprise) id 1FF6DB30; Wed, 31 Jul 96 09:29:07
-0500
Mime-Version: 1.0
Date: Wed, 31 Jul 1996 08:27:37 -0500
Message-Id: <1FF6DB30.1262@acmspgw1.mnet.uswest.com>
Return-Receipt-To: dwetzel@uswest.com
Subject: APRS Internet
To: aprssig@tapr.org
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Description: cc:Mail note part

I agree - more, the only problem is the 12 Gigbytes of memory required to run
Netscape 3.0! ;-)

Doug
KC7CO

>I logged on the Internet APRS site again today and watched with GREAT
ENTHUSIASM

>as stations began popping up on the map! What a NEAT applet!!! MORE MORE!!!!

>Best 73,
>Jim Duncan, KU0G
>APRS--Kansas City Coordinator
>EMail: ku0g@sprynet.com

From gerry@cs.tamu.edu Wed Jul 31 10:24:07 1996
Received: from cs.tamu.edu (clavin.cs.tamu.edu [128.194.130.106]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id KAA01035 for <aprssig@tapr.org>; Wed, 31 Jul 1996
10:24:05 -0500 (CDT)
Received: from solar.cs.tamu.edu (2961@solar.cs.tamu.edu [128.194.132.1]) by
cs.tamu.edu (8.6.10/8.6.4) with ESMTP id KAA11116 for <aprssig@tapr.org>; Wed, 31
Jul 1996 10:22:50 -0500
From: Gerald J Creager <gerry@cs.tamu.edu>
Received: (gerry@localhost) by solar.cs.tamu.edu (8.6.10/8.6.4) id KAA14550 for
aprssig@tapr.org; Wed, 31 Jul 1996 10:22:36 -0500
Message-Id: <199607311522.KAA14550@solar.cs.tamu.edu>
Subject: Re: [APRSSIG:3466] Re: Info on Crystals
To: aprssig@tapr.org
Date: Wed, 31 Jul 1996 10:22:36 -0500 (CDT)
In-Reply-To: <Pine.3.89.9607310143.A19690-01000000@bcfreenet.seflin.lib.fl.us> from
"Todd Erickson" at Jul 31, 96 00:44:03 am
X-Mailer: ELM [version 2.4 PL25]
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

Todd Erickson sez:

>

> Hey, word of mouth says a lot! I will be sure never to order from BOMAR
> or JAN, due to the bad rap they are receiving here. So what seems to be
> the best, International?

I've had good luck with both International as a first choice and Marden as a
2nd choice for both quick-ship (2 weeks) and aged/compensated crystals for
repeater and mobile work.

73, gerry
n5jxs@tamu.edu

From knupke@babbage.csee.usf.edu Wed Jul 31 10:54:55 1996
Received: from babbage.csee.usf.edu (root@babbage.csee.usf.edu [131.247.1.2]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id KAA02137 for <aprssig@tapr.org>; Wed, 31
Jul 1996 10:54:53 -0500 (CDT)
Received: from babbage (babbage [131.247.1.2]) by babbage.csee.usf.edu
(8.6.11/8.6.11) with SMTP id LAA26262 for <aprssig@tapr.org>; Wed, 31 Jul 1996
11:54:46 -0400
Date: Wed, 31 Jul 1996 11:54:44 -0400 (EDT)
From: "Paul E. Knupke Jr. (KR4YL)" <knupke@babbage.csee.usf.edu>
X-Sender: knupke@babbage
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3463] Re: Info on Crystals
In-Reply-To: <960730225512_588780639@emout10.mail.aol.com>
Message-ID: <Pine.GS0.3.93.960731115223.25945C-100000@babbage>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

We've had problems with Bomar too... ordered 223.34 xtal and somehow they
sent a 224.94 xtal. How they managed to send us the xtal for the output
of our 220 repeater instead of the input I'll never know.

Have a friend who lives in Ft. Myers who sounds like he's getting in good
with Jan (he has tons of repeaters and builds and sells them too) and I'm
he seems to be using more Jan xtals of late for whatever reason.

Paul

Paul Knupke, Jr.	/	Pinellas County ARES Asst. EC
knupke@babbage.csee.usf.edu	/	Pinellas County Skywarn
Largo, FL USA	/	Fidonet 1:3603/570
Amateur Radio Callsign: KR4YL	/	Florida Contest Group Member

From n8chb@tir.com Wed Jul 31 11:16:41 1996
Received: from tir.com (sun.tir.com [205.138.41.6]) by tapr.org (8.7.5/8.7.3/1.9)
with ESMTP id LAA02943 for <aprssig@tapr.org>; Wed, 31 Jul 1996 11:16:40 -0500
(CDT)
Received: from n8chb.tir.com (an6liv.tir.com [205.218.84.8]) by tir.com
(8.7.5/8.7) with SMTP id MAA19634 for <aprssig@tapr.org>; Wed, 31 Jul 1996
12:12:33 -0400 (EDT)

Message-ID: <31FF7860.2681@tir.com>
Date: Wed, 31 Jul 1996 16:14:41 +0100
From: Roger Breckon <n8chb@tir.com>
Reply-To: n8chb@tir.com
X-Mailer: Mozilla 3.0b5aGold (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:3473] APRS Internet
References: <1FF6DB30.1262@acmspgw1.mnet.uswest.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Douglas Wetzel wrote:

>
> I agree - more, the only problem is the 12 Gigbytes of memory required to run
> Netscape 3.0! ;-)
> Doug
> KC7CO
>
> >I logged on the Internet APRS site again today and watched with GREAT
> ENTHUSIASM
>
> >as stations began popping up on the map! What a NEAT applet!!! MORE MORE!!!!
>
> >Best 73,
> >Jim Duncan, KU0G
> >APRS--Kansas City Coordinator
> >EMail: ku0g@sprynet.com

////////////////////////////////////

To bad abt ur not being able to use netscape but u might try
<http://www.wa4dsy.radio.org:14579/>
that will give u text and u can visualize what things look like!
also seeing hf stations though the gateway.

neat stuff coming from Atlanta?

de Roger n8chb@tir.com

From alan@watsun.cc.columbia.edu Wed Jul 31 11:18:49 1996
Received: from manila.cc.columbia.edu (manila.cc.columbia.edu [128.59.39.200]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id LAA03227 for <aprssig@tapr.org>; Wed, 31
Jul 1996 11:18:48 -0500 (CDT)
Received: (from alan@localhost) by manila.cc.columbia.edu (8.7.5/8.7.3) id
MAA09301 for aprssig@tapr.org; Wed, 31 Jul 1996 12:18:42 -0400 (EDT)
Date: Wed, 31 Jul 96 12:18:41 EDT
From: Alan Crosswell <alan@watsun.cc.columbia.edu>
To: aprssig@tapr.org
Subject: KD1DU?
Message-ID: <CMM.0.90.4.838829921.alan@manila.cc.columbia.edu>

Is KD1DU on this list? I see your call KD1DU-15 on my TNC's heard list

(was running TNC only) as heard direct, which is extremely unusual given my location. Did you happen to drive by recently, perhaps on the Taconic State Parkway through Briarcliff Manor? Unfortunately the TNC forgot what time it is again, so I don't have a timestamp on the heard list.

73 de Alan N2YGK [FN31cd]

From n2czf@magg.net Wed Jul 31 16:25:43 1996

Received: from grumpy.magg.net (root@grumpy.magg.net [205.218.112.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id QAA13805 for <aprssig@tapr.org>; Wed, 31 Jul 1996 16:25:41 -0500 (CDT)

Received: from Cybergate (wpb-189.magg.net [205.218.112.189]) by grumpy.magg.net (8.7.5/8.7.3) with SMTP id RAA30981 for <aprssig@tapr.org>; Wed, 31 Jul 1996 17:25:37 -0400

Date: Wed, 31 Jul 1996 17:25:37 -0400

Message-Id: <199607312125.RAA30981@grumpy.magg.net>

X-Sender: n2czf@magg.net

X-Mailer: Windows Eudora Version 1.4.3

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

To: aprssig@tapr.org

From: n2czf@magg.net (Richard Garcia)

Subject: Re: [APRSSIG:3466] Re: Info on Crystals

Yes, International is one of the best and Frequency International is not bad either. It is no International but at about \$12.50 per crystal they are not too expensive. Frequency International is a division of Standard Communications Commercial Division or a part of Standard that just recently broke off on their own.

>On Tue, 30 Jul 1996 N5RKN@aol.com wrote:

>

>> I will NEVER order anything from BOMAR crystal anytime soon. About 4 years ago, I ordered a set for 145.130... only to receive 155.130. They even

>> SNIP <

>

>Hey, word of mouth says a lot! I will be sure never to order from BOMAR or JAN, due to the bad rap they are receiving here. So what seems to be the best, International?

>

>

73's Rich N2CZF

n2czf@magg.net

<http://www.magg.net/~n2czf> (Personal)

<http://www.magg.net/~n2czf/aprs.html> (Florida APRS)

Jupiter Farms Florida FL96

From sdimse@bridge.net Wed Jul 31 16:27:32 1996

Received: from relay6.UU.NET (relay6.UU.NET [192.48.96.16]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id QAA13871 for <aprssig@tapr.org>; Wed, 31 Jul 1996 16:27:30 -0500 (CDT)

Received: from bridge.net by relay6.UU.NET with ESMTP

(peer crosschecked as: newworld.bridge.net [204.253.4.4])
id QQbauf15838; Wed, 31 Jul 1996 17:27:28 -0400 (EDT)
Received: from (ppp-mia1-42.bridge.net [204.253.4.42]) by bridge.net (8.7.5/8.7.3)
with SMTP id RAA13060 for <aprssig@tapr.org>; Wed, 31 Jul 1996 17:24:33 -0400
(EDT)
Message-Id: <199607312124.RAA13060@bridge.net>
Subject: Re: [APRSSIG:3460] Re: APRS Perseids Meteor
Date: Wed, 31 Jul 96 17:27:38 -0400
x-sender: sdimse@mail.bridge.net
x-mailer: Claris Emailer 1.1
From: Steve Dimse <sdimse@bridge.net>
To: <aprssig@tapr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

>I just read Stan's epistle on how to work the Meteor Shower and that you
>should run at least 100 watts and use a whoppum beam and I have a question
>as to the validity of a signal being received.

>

Yes, but, as one half of the longest contact on the first Meteor Test, I
used an 8 dB omni antenna. When there are a lot of stations on the air,
sometimes you get lucky...

Steve K04HD

From jimkd1yv@ix.netcom.com Wed Jul 31 19:04:04 1996
Received: from dfw-ix8.ix.netcom.com (dfw-ix8.ix.netcom.com [206.214.98.8]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id TAA18879 for <aprssig@tapr.org>; Wed, 31
Jul 1996 19:04:01 -0500 (CDT)
Received: from dbx-ct2-16.ix.netcom.com (dbx-ct2-16.ix.netcom.com
[205.186.164.80]) by dfw-ix8.ix.netcom.com (8.6.13/8.6.12) with SMTP id RAA02349
for <aprssig@tapr.org>; Wed, 31 Jul 1996 17:03:27 -0700
Message-ID: <31FFE613.5229@ix.netcom.com>
Date: Wed, 31 Jul 1996 20:02:43 -0300
From: KD1YV <jimkd1yv@ix.netcom.com>
Organization: Hamily
X-Mailer: Mozilla 2.02 (Win16; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: KD1DU?
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

>From: Alan Crosswell <alan@watsun.cc.columbia.edu>

>Is KD1DU on this list? I see your call KD1DU-15 on my TNC's heard list
>(was running TNC only) as heard direct, which is extremely unusual given
>my location. Did you happen to drive by recently, perhaps on the Taconic
>State Parkway through Briarcliff Manor? Unfortunately the TNC forgot what
>time it is again, so I don't have a timestamp on the heard list.

Alan,

I don't think that Del, KD1DU is on the list. However, his QTH is the envy of VHF operators, being on top of a ridge with his antenna on a tower that peaks well over 1000 ft ASL. He lives in Ridgefield, CT, which borders NYS. He selected that house about a year and a half ago, based on its RF ability. That probably explains why you heard him. Perhaps that, plus we have had some dramatic tropo openings in the last couple of days, mornings and evenings.

Del is setting up a WIDE digi to assist some stations in SW Connecticut that can't otherwise get into the net due to topography and distance to other WIDEs.

In case you saw the question I posed the other day about being able to monitor and plot only stations heard directly, it was for Del's benefit, since he is a big-time VHF/UHF/microwave user.

73 de Jim, KD1YV

From rboost@itexas.net Wed Jul 31 20:44:50 1996
Received: from mailhost.itexas.net (mailhost.itexas.net [207.22.198.33]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id UAA22014 for <aprssig@tapr.org>; Wed, 31 Jul 1996 20:44:46 -0500 (CDT)
Received: from rboost.itexas.net ([207.22.198.59]) by mailhost.itexas.net (post.office MTA v1.9.3 ID# 0-12497) with ESMTP id AAA125 for <aprssig@tapr.org>; Wed, 31 Jul 1996 20:46:11 -0500
From: rboost@itexas.net (Roy Bost)
To: <aprssig@tapr.org>
Subject: info needed
Date: Wed, 31 Jul 1996 20:45:14 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1141
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Message-ID: <19960801014610453.AAA125@rboost.itexas.net>

Sometime back there was discussion about a device that would send an APRS pack burst at the end of a voice transmission. Would appreciate some info about this device as it would seem perfect for Skywarn activities.

Also, can anyone tell me how to make a map for WinAPRS without using a Mac??

de Roy, N5TAM

From HorningS@tiger.osan.af.mil Wed Jul 31 22:25:30 1996
Received: from osa-nms.osan.af.mil (osa-nms.osan.af.mil [132.61.128.60]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id WAA25740 for <aprssig@tapr.org>; Wed, 31 Jul 1996 22:25:23 -0500 (CDT)
Received: from smtpgate.osan.af.mil by osa-nms.osan.af.mil with SMTP (1.37.109.16/16.2) id AA029019953; Thu, 1 Aug 1996 12:25:53 +0900
Received: by smtpgate.osan.af.mil with Microsoft Mail id <31FED23E@smtpgate.osan.af.mil>; Wed, 31 Jul 96 12:25:50 JST

From: Horning S SSgt 607AIS/INXX <HorningS@tiger.osan.af.mil>
To: aprssig <aprssig@tapr.org>
Subject: RE: [APRSSIG:3481] info needed
Date: Thu, 01 Aug 96 12:15:00 JST
Message-Id: <31FED23E@smtpgate.osan.af.mil>
Encoding: 8 TEXT
X-Mailer: Microsoft Mail V3.0

>Also, can anyone tell me how to make a map for WinAPRS without using a Mac??

Will the DOS maps work with WinAPRS?

73,
Steve Horning
N0XVZ/HL9XVT

From rbest@itexas.net Wed Jul 31 23:11:00 1996
Received: from mailhost.itexas.net (mailhost.itexas.net [207.22.198.33]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id XAA27269 for <aprssig@tapr.org>; Wed, 31
Jul 1996 23:10:58 -0500 (CDT)
Received: from rbest.itexas.net ([207.22.198.68]) by mailhost.itexas.net
(post.office MTA v1.9.3 ID# 0-12497) with ESMTP id AAA116
for <aprssig@tapr.org>; Wed, 31 Jul 1996 23:12:32 -0500
From: rbest@itexas.net (Roy Best)
To: <aprssig@tapr.org>
Subject: Re: [APRSSIG:3482] RE: info needed
Date: Wed, 31 Jul 1996 23:11:36 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1141
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Message-ID: <19960801041232100.AAA116@rbest.itexas.net>

DOS maps will work with WinAPRS but the maps made for WinAPRS can have
more detail and a size limited only by the size of the computer (so I'm
lead to believe!).

de Roy, N5TAM